

ENGINE

**EQUIP NUM: LD624
DEERE 2954D**

SERIAL NUMBER: DCD290142

N03C-56082-0814

LABEL#: 202141823

SHOP JOB NUM : 624-05

SAMPLE SHIP TIME (days) : 0

GALENA CONTRACTORS

LTD

RECEIVED DATE: 23-Mar-26

No Action Required

**Interp By: Gregory Scribner
Interpreted On: 26-Mar-26**

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. VISCOSITY INDICATES A 30W OIL, FUEL TEST IS NEGATIVE. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	23-Mar-26	18-Dec-25	20-Aug-25	29-May-25
Sampled Date	23-Mar-26	18-Dec-25	20-Aug-25	29-May-25
Sample Id	N03C-56082-0814	N030-55363-0729	N030-55241-0441	N030-55161-0162
Lab Date	23-Mar-26	29-Dec-25	29-Aug-25	10-Jun-25
Meter [Hr]	7053	6715	5295	5795
Comp Meter [Hr]	7053	6715	5295	4959
Meter On Fluid	338	308	336	468
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	10W-30	10W-30	15W-40	10W-30
Fluid Type	DURON SHP	DURON SHP	DURON SHP	DURON SHP
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	24	24	28	24
Kidney Loop	U	U	U	U

PREVIOUS SAMPLE

INCREASED IRON CONTENT. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL TO MONITOR.

CONDITION / CONTAMINATION

		23-Mar-26	18-Dec-25	20-Aug-25	29-May-25
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	11.60	14.30	15.10	11.70

		23-Mar-26	18-Dec-25	20-Aug-25	29-May-25
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	77.40	108.7	111.4	78.70

		23-Mar-26	18-Dec-25	20-Aug-25	29-May-25
VISCOSITY INDEX					
VI	Viscosity Index	143	134	141	142

WEAR LEVELS / ADDITIVES

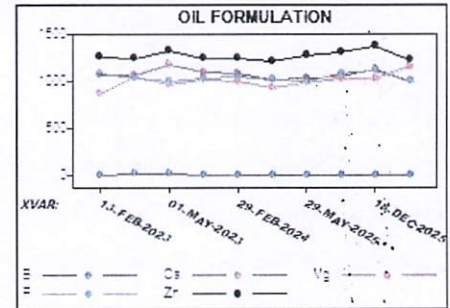
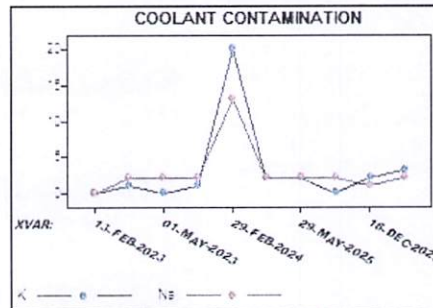
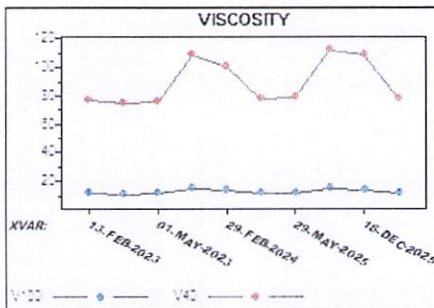
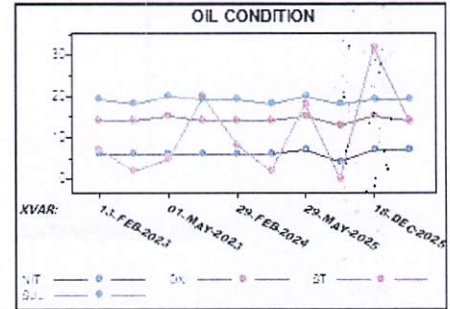
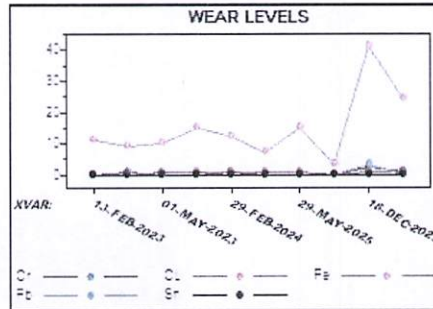
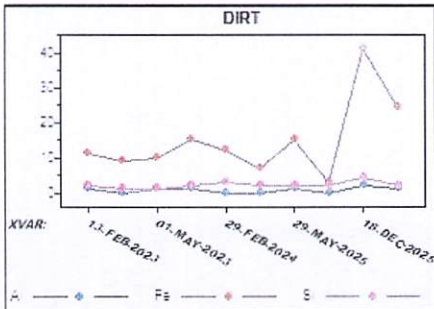
		23-Mar-26	18-Dec-25	20-Aug-25	29-May-25
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	2	1	2	2
K	Potassium	3	2	0	2
Si	Silicon	2	4	2	2
Al	Aluminum	1	2	0	1
Fe	Iron	24	41	3	15
Cr	Chromium	1	2	0	0
Pb	Lead	0	3	0	0
Cu	Copper	1	1	0	1
Sn	Tin	0	0	0	0
Ni	Nickel	1	2	0	1
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1229	1368	1306	1281
Ca	Calcium	997	1124	1049	1031
Mg	Magnesium	1168	1039	1041	980
Ba	Barium	0	0	0	0
B	Boron	0	1	0	1
Mo	Molybdenum	67	65	59	57
P	Phosphorus	999	1113	1082	996

		23-Mar-26	18-Dec-25	20-Aug-25	29-May-25
INFRARED (UFM)					
ST	Soot	14	32	0	18
OXI	Oxidation	14	15	13	15
SUL	Sulfate By-Product	19	19	18	20
NIT	Nitration	7	7	4	7

		23-Mar-26	18-Dec-25	20-Aug-25	29-May-25
ANTIFREEZE					
A	Antifreeze	N	N	N	N

		23-Mar-26	18-Dec-25	20-Aug-25	29-May-25
FUEL					
F	Fuel	N	N	N	N

		23-Mar-26	18-Dec-25	20-Aug-25	29-May-25
WATER					
W	Water	N	N	N	N



Report Comment

February 27, 2026, SOS Web functionality will transition to VisionLink®. Begin the transition to VisionLink now - Sign up or log in to vl.cat.com to update your settings, manage your fleet, configure your jobsites (groups) and notifications. SOS Web will no longer be available on March 2, 2026. Have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

HYDRAULIC SYSTEM

EQUIP NUM: LD624

SERIAL NUMBER: DCD290142

N03C-56082-0804

LABEL#: 202069185
 SHOP JOB NUM : 624-05
 SAMPLE SHIP TIME (days) : 26
GALENA CONTRACTORS
LTD
 RECEIVED DATE: 23-Mar-26

DEERE 2954D

No Action Required

Interp By: Gregory Scribner
 Interpreted On: 26-Mar-26

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	25-Feb-26	29-May-25	14-Sep-23	12-Oct-21
Sample Id	N03C-56082-0804	N030-55161-0163	N030-53268-0115	N030-51295-0480
Lab Date	23-Mar-26	10-Jun-25	25-Sep-23	22-Oct-21
Meter [Hr]	7060	5795	0	13698
Comp Meter [Hr]	7060	5795	0	998
Meter On Fluid		5795	3032	998
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	46-ISO	32-ISO	32-ISO	46-ISO
Fluid Type		HYDREX AW	HYDREX AW	HYDREX AW
Oil Change	N	N	N	N
Filter Change	N	Y	Y	Y
Kidney Loop	U	U	U	U

PREVIOUS SAMPLE

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

CONDITION / CONTAMINATION

		25-Feb-26	29-May-25	14-Sep-23	12-Oct-21
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	5.800	5.700	5.900	5.6
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	35.40	32.90	33.30	31.9

WEAR LEVELS / ADDITIVES

		25-Feb-26	29-May-25	14-Sep-23	12-Oct-21
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	1	1	1	1
K	Potassium	1	0	0	0
Si	Silicon	2	2	0	1
Al	Aluminum	0	0	0	0
Fe	Iron	11	17	29	8
Cr	Chromium	1	1	1	0
Pb	Lead	0	0	0	1
Cu	Copper	1	1	2	1
Sn	Tin	0	0	0	0
Ni	Nickel	0	0	0	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	396	396	352	394
Ca	Calcium	31	32	31	37
Mg	Magnesium	3	1	1	2
Ba	Barium	0	0	0	0
B	Boron	0	0	0	0
Mo	Molybdenum	1	0	0	0
P	Phosphorus	308	296	313	308

VISCOSITY INDEX

VI	Viscosity Index	104	114	122	114
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INFRARED (UFM)

		25-Feb-26	29-May-25	14-Sep-23	12-Oct-21
ST	Soot	0	0	0	0
OXI	Oxidation	3	4	3	4
SUL	Sulfate By-Product	12	13	12	13
	Sulfur Products	12	13	12	13
NIT	Nitration	2	2	2	2

ANTIFREEZE

A	Antifreeze	N	N	N	N
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WATER

W	Water	N	N	N	N
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CLEANLINESS

		25-Feb-26	29-May-25	14-Sep-23	12-Oct-21
PARTICLE COUNT					
ISO	ISO Code Rating	21/16/12	22/17/12	21/18/14	22/17/13
4µ	4µ	13797	21382	10451	21928
6µ	6µ	616	1209	1358	957
10µ	10µ	83	136	302	150
14µ	14µ	31	38	124	56
18µ	18µ	16	14	54	22
21µ	21µ	11	7	31	14
38µ	38µ	4	1	3	2
50µ	50µ	1	0	2	1

Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or component thereof.

ENGINE

EQUIP NUM: LD624

SERIAL NUMBER: DCD290142

N030-55363-0729
 LABEL#: 201960944
 SHOP JOB NUM : 624-04
 SAMPLE SHIP TIME (days) : 11
GALENA CONTRACTORS LTD
 RECEIVED DATE: 29-Dec-25

DEERE 2954D



Monitor Compartment

INCREASED IRON CONTENT. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL TO MONITOR.

Interp By: Aron Balines
Interpreted On: 06-Jan-26

SAMPLE INFORMATION

	18-Dec-25	20-Aug-25	29-May-25	01-May-24
Sampled Date	18-Dec-25	20-Aug-25	29-May-25	01-May-24
Sample Id	N030-55363-0729	N030-55241-0441	N030-55161-0162	N030-54134-0123
Lab Date	29-Dec-25	29-Aug-25	10-Jun-25	13-May-24
Meter [Hr]	6715	5295	5795	15808
Comp Meter [Hr]	6715	5295	4959	4321
Meter On Fluid	308	336	468	228
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	10W-30	15W-40	10W-30	10W-30
Fluid Type	DURON SHP	DURON SHP	DURON SHP	DURON SHP
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	24	28	24	28
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		18-Dec-25	20-Aug-25	29-May-25	01-May-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	14.30	15.10	11.70	11.70

		18-Dec-25	20-Aug-25	29-May-25	01-May-24
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	108.7	111.4	78.70	77.30

		18-Dec-25	20-Aug-25	29-May-25	01-May-24
VISCOSITY INDEX					
VI	Viscosity Index	134	141	142	145

		18-Dec-25	20-Aug-25	29-May-25	01-May-24
INFRARED (UFM)					
ST	Soot	32	0	18	2
OXI	Oxidation	15	13	15	14
SUL	Sulfate By-Product	19	18	20	18
	Sulfur Products	19	18	20	18
NIT	Nitration	7	4	7	6

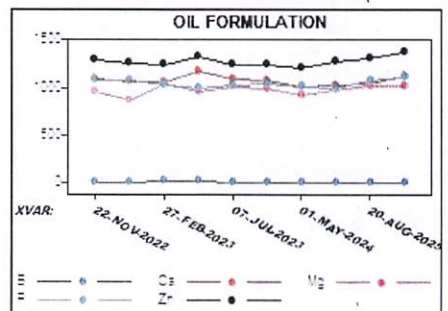
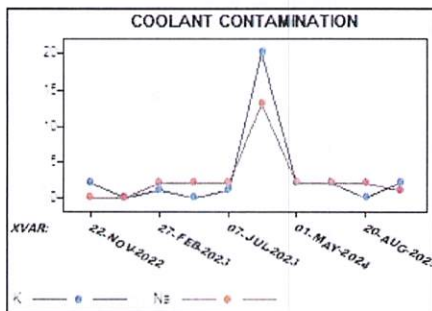
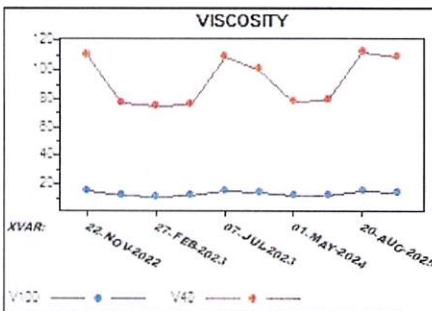
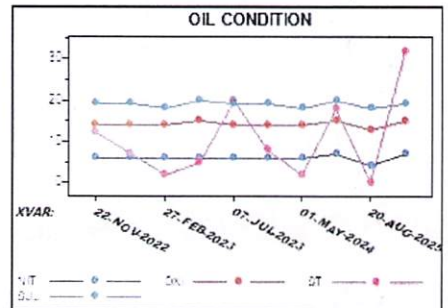
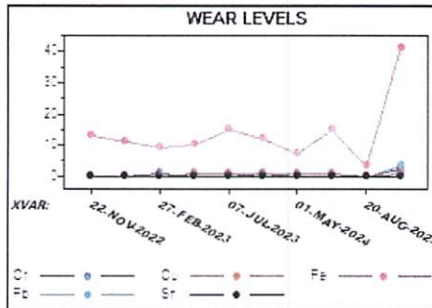
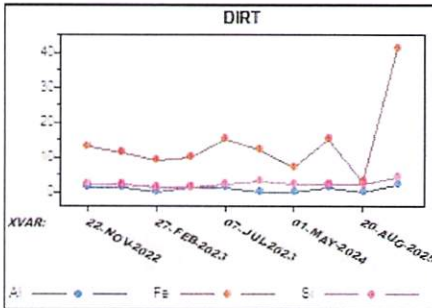
		18-Dec-25	20-Aug-25	29-May-25	01-May-24
ANTIFREEZE					
A	Antifreeze	N	N	N	N

		18-Dec-25	20-Aug-25	29-May-25	01-May-24
FUEL					
F	Fuel	N	N	N	N

		18-Dec-25	20-Aug-25	29-May-25	01-May-24
WATER					
W	Water	N	N	N	N

WEAR LEVELS / ADDITIVES

		18-Dec-25	20-Aug-25	29-May-25	01-May-24
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	1	2	2	2
K	Potassium	2	0	2	2
Si	Silicon	4	2	2	2
Al	Aluminum	2	0	1	0
Fe	Iron	41	3	15	7
Cr	Chromium	2	0	0	0
Pb	Lead	3	0	0	0
Cu	Copper	1	0	1	1
Sn	Tin	0	0	0	0
Ni	Nickel	2	0	1	1
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1368	1306	1281	1219
Ca	Calcium	1124	1049	1031	1014
Mg	Magnesium	1039	1041	980	940
Ba	Barium	0	0	0	0
B	Boron	1	0	1	1
Mo	Molybdenum	65	59	57	56
P	Phosphorus	1113	1082	996	1025



Report Comment

VisionLink® will be the new home for S-O-SSM Services fluid analysis. Begin the transition to VisionLink now - Sign up or log into vl.cat.com to update your settings, manage your fleet, configure your jobsites (groups), and view your samples. The ability for users to submit samples, track samples, view and graph sample history, and download reports are coming to VisionLink soon. Have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

ENGINE

N030-55241-0441

LABEL#: 201983229

SHOP JOB NUM : 624-04

SAMPLE SHIP TIME (days) : 9

GALENA CONTRACTORS

LTD

RECEIVED DATE: 29-Aug-25

EQUIP NUM: LD624

DEERE 2954D



No Action Required

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SERIAL NUMBER: DCD290142

Interp By: Aron Balines
Interpreted On: 04-Sep-25

SAMPLE INFORMATION

	20-Aug-25	29-May-25	01-May-24	29-Feb-24
Sampled Date	20-Aug-25	29-May-25	01-May-24	29-Feb-24
Sample Id	N030-55241-0441	N030-55161-0162	N030-54134-0123	N030-54081-0079
Lab Date	29-Aug-25	10-Jun-25	13-May-24	21-Mar-24
Meter [Hr]	5295	5795	15808	4933
Comp Meter [Hr]	5295	4959	4321	4933
Meter On Fluid	336	468	228	250
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	15W-40	10W-30	10W-30	10W-30
Fluid Type	DURON SHP	DURON SHP	DURON SHP	DURON SHP
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	28	24	28	24
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		20-Aug-25	29-May-25	01-May-24	29-Feb-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	15.10	11.70	11.70	14.00
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	111.4	78.70	77.30	99.60
VISCOSITY INDEX					
VI	Viscosity Index	141	142	145	143

WEAR LEVELS / ADDITIVES

	20-Aug-25	29-May-25	01-May-24	29-Feb-24
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	2	2	2	13
K Potassium	0	2	2	20
Si Silicon	2	2	2	3
Al Aluminum	0	1	0	0
Fe Iron	3	15	7	12
Cr Chromium	0	0	0	1
Pb Lead	0	0	0	0
Cu Copper	0	1	1	1
Sn Tin	0	0	0	0
Ni Nickel	0	1	1	1
Ag Silver	0	0	0	0
Ti Titanium	0	0	0	0
V Vanadium	0	0	0	0
Zn Zinc	1306	1281	1219	1251
Ca Calcium	1049	1031	1014	1084
Mg Magnesium	1041	980	940	1000
Ba Barium	0	0	0	0
B Boron	0	1	1	1
Mo Molybdenum	59	57	56	61
P Phosphorus	1082	996	1025	1051

INFRARED (UFM)

		20-Aug-25	29-May-25	01-May-24	29-Feb-24
ST	Soot	0	18	2	8
OXI	Oxidation	13	15	14	14
SUL	Sulfate By-Product	18	20	18	19
	Sulfur Products	18	20	18	19
NIT	Nitration	4	7	6	6

ANTIFREEZE

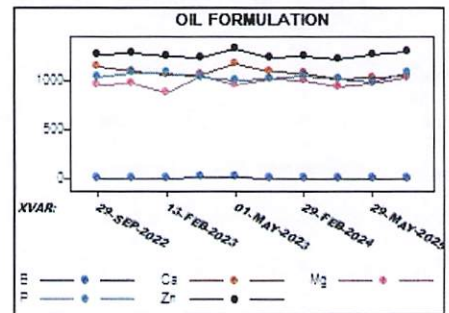
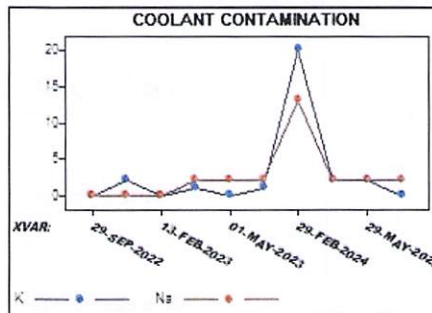
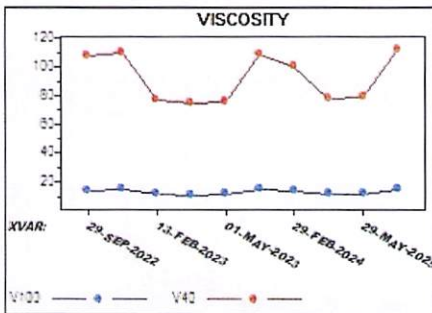
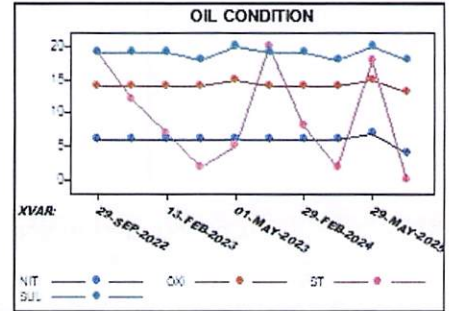
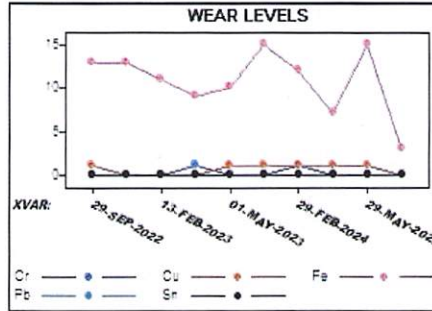
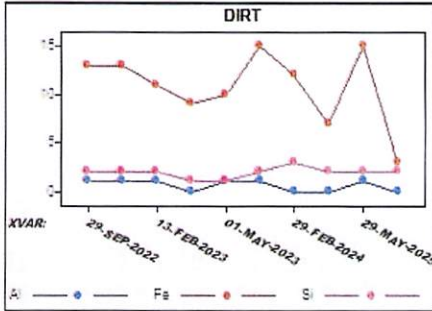
		20-Aug-25	29-May-25	01-May-24	29-Feb-24
A	Antifreeze	N	N	N	N

FUEL

		20-Aug-25	29-May-25	01-May-24	29-Feb-24
F	Fuel	N	N	N	N

WATER

		20-Aug-25	29-May-25	01-May-24	29-Feb-24
W	Water	N	N	N	N



Report Comment

VisionLink® will be the new home for S-O-SSM Services fluid analysis. Begin the transition to VisionLink now - Sign up or log into vl.cat.com to update your settings, manage your fleet, configure your jobsites (groups), and view your samples. The ability for users to submit samples, track samples, view and graph sample history, and download reports are coming to VisionLink soon. Have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

ENGINE

EQUIP NUM: LD624

SERIAL NUMBER: DCD290142

N030-55161-0162

LABEL#: 201838426

SAMPLE SHIP TIME (days) : 12

GALENA CONTRACTORS

LTD

RECEIVED DATE: 10-Jun-25

DEERE 2954D



No Action Required

Interp By: Aron Balines

Interpreted On: 12-Jun-25

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	29-May-25	01-May-24	29-Feb-24	07-Jul-23
Sampled Date	29-May-25	01-May-24	29-Feb-24	07-Jul-23
Sample Id	N030-55161-0162	N030-54134-0123	N030-54081-0079	N030-53200-0408
Lab Date	10-Jun-25	13-May-24	21-Mar-24	19-Jul-23
Meter [Hr]	5795	15808	4933	15471
Comp Meter [Hr]	4959	4321	4933	15471
Meter On Fluid	468	228	250	262
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	10W-30	10W-30	10W-30	15W-40
Fluid Type	DURON SHP	DURON SHP	DURON SHP	DURON SHP
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	24	28	24	
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

29-May-25 01-May-24 29-Feb-24 07-Jul-23

VISCOSITY (Centistokes)		29-May-25	01-May-24	29-Feb-24	07-Jul-23
V100	Viscosity at 100 C	11.70	11.70	14.00	14.70

VISCOSITY (Centistokes)		29-May-25	01-May-24	29-Feb-24	07-Jul-23
V40	Viscosity at 40 C	78.70	77.30	99.60	108.7

VISCOSITY INDEX		29-May-25	01-May-24	29-Feb-24	07-Jul-23
VI	Viscosity Index	142	145	143	139

INFRARED (UFM)

	29-May-25	01-May-24	29-Feb-24	07-Jul-23
ST Soot	18	2	8	20
OXI Oxidation	15	14	14	14
SUL Sulfate By-Product	20	18	19	19
	20	18	19	19
NIT Nitration	7	6	6	6

ANTIFREEZE

	29-May-25	01-May-24	29-Feb-24	07-Jul-23
A Antifreeze	N	N	N	N

FUEL

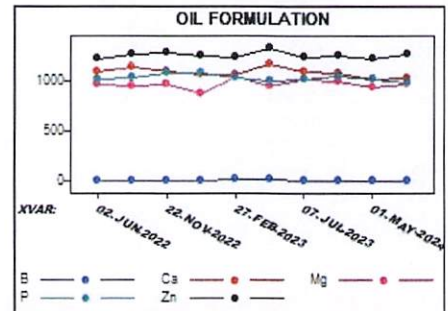
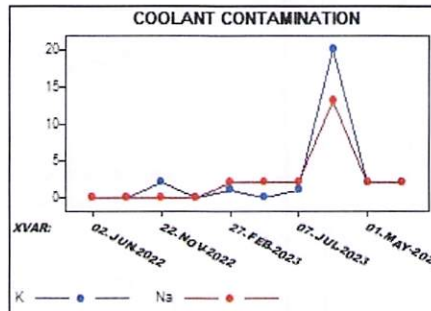
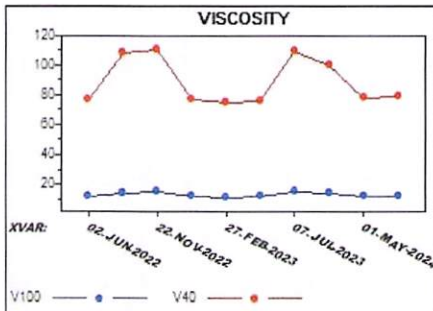
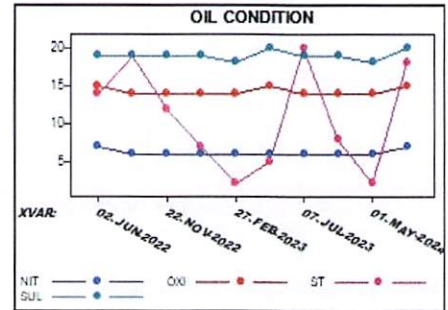
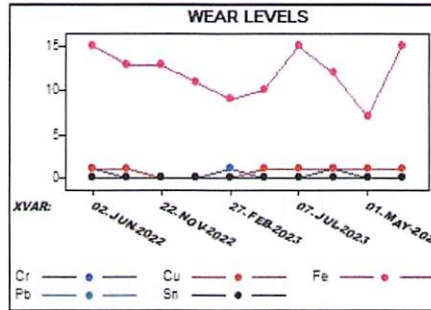
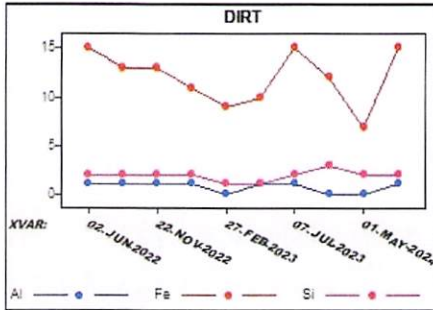
	29-May-25	01-May-24	29-Feb-24	07-Jul-23
F Fuel	N	N	N	N

WATER

	29-May-25	01-May-24	29-Feb-24	07-Jul-23
W Water	N	N	N	N

WEAR LEVELS / ADDITIVES

	29-May-25	01-May-24	29-Feb-24	07-Jul-23
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	2	2	13	2
K Potassium	2	2	20	1
Si Silicon	2	2	3	2
Al Aluminum	1	0	0	1
Fe Iron	15	7	12	15
Cr Chromium	0	0	1	0
Pb Lead	0	0	0	0
Cu Copper	1	1	1	1
Sn Tin	0	0	0	0
Ni Nickel	1	1	1	1
Ag Silver	0	0	0	0
Ti Titanium	0	0	0	0
V Vanadium	0	0	0	0
Zn Zinc	1281	1219	1251	1248
Ca Calcium	1031	1014	1084	1092
Mg Magnesium	980	940	1000	1022
Ba Barium	0	0	0	0
B Boron	1	1	1	1
Mo Molybdenum	57	56	61	63
P Phosphorus	996	1025	1051	1027



Report Comment

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HYDRAULIC SYSTEM

EQUIP NUM: LD624

SERIAL NUMBER: DCD290142

N030-55161-0163

LABEL#: 201838579

SAMPLE SHIP TIME (days) : 12

GALENA CONTRACTORS

LTD

RECEIVED DATE: 10-Jun-25

DEERE 2954D



No Action Required

Interp By: Aron Balines

Interpreted On: 12-Jun-25

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	29-May-25	14-Sep-23	12-Oct-21	21-Mar-19
Sampled Date	29-May-25	14-Sep-23	12-Oct-21	21-Mar-19
Sample Id	N030-55161-0163	N030-53268-0115	N030-51295-0480	N030-49087-0432
Lab Date	10-Jun-25	25-Sep-23	22-Oct-21	28-Mar-19
Meter [Hr]	5795	0	13698	9941
Comp Meter [Hr]	5795	0	998	9941
Meter On Fluid	5795	3032	998	9941
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	32-ISO	32-ISO	46-ISO	32-ISO
Fluid Type	HYDREX AW	HYDREX AW	HYDREX AW	HYDREX AW
Fluid Change	N	N	N	N
Filter Change	Y	Y	Y	Y
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		29-May-25	14-Sep-23	12-Oct-21	21-Mar-19
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	5.700	5.900	5.6	5.7
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	32.90	33.30	31.9	35.0
VISCOSITY INDEX					
VI	Viscosity Index	114	122	114	102

WEAR LEVELS / ADDITIVES

	29-May-25	14-Sep-23	12-Oct-21	21-Mar-19	
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	1	1	1	2
K	Potassium	0	0	0	1
Si	Silicon	2	0	1	1
Al	Aluminum	0	0	0	1
Fe	Iron	17	29	8	21
Cr	Chromium	1	1	0	1
Pb	Lead	0	0	1	0
Cu	Copper	1	2	1	1
Sn	Tin	0	0	0	0
Ni	Nickel	0	0	0	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	396	352	394	348
Ca	Calcium	32	31	37	46
Mg	Magnesium	1	1	2	2
Ba	Barium	0	0	0	0
B	Boron	0	0	0	0
Mo	Molybdenum	0	0	0	1
P	Phosphorus	296	313	308	273

INFRARED (UFM)

		29-May-25	14-Sep-23	12-Oct-21	21-Mar-19
ST	Soot	0	0	0	0
OXI	Oxidation	4	3	4	4
SUL	Sulfate By-Product	13	12	13	13
	Sulfur Products	13	12	13	13
NIT	Nitration	2	2	2	2

ANTIFREEZE

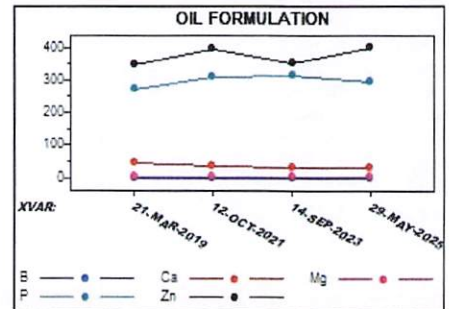
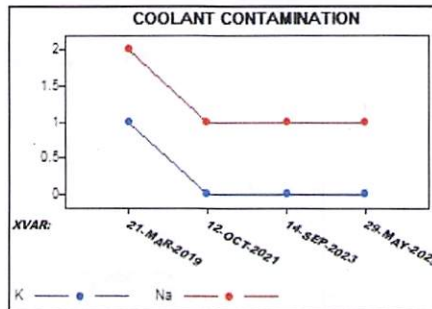
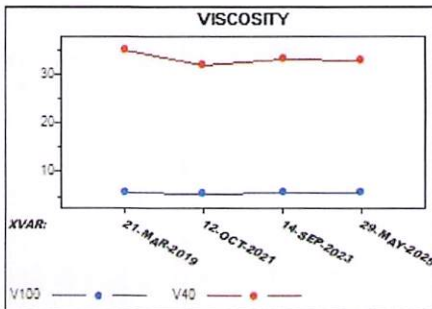
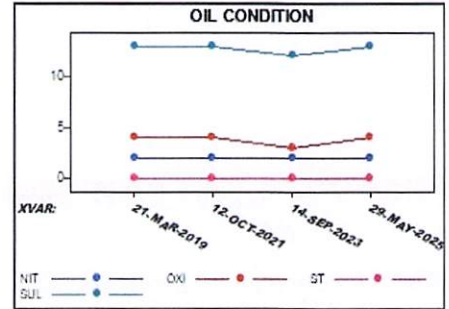
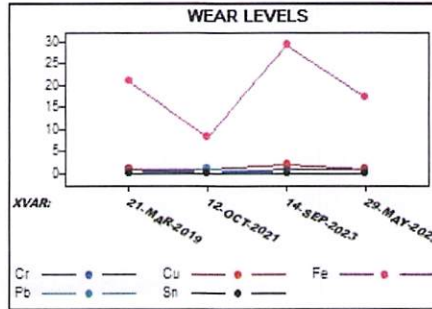
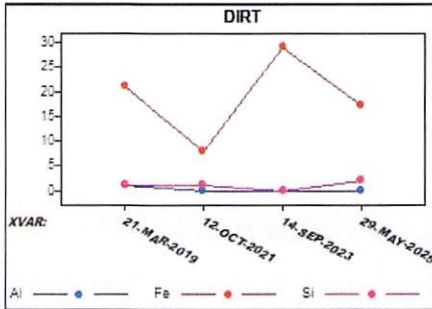
		29-May-25	14-Sep-23	12-Oct-21	21-Mar-19
A	Antifreeze	N	N	N	N

WATER

		29-May-25	14-Sep-23	12-Oct-21	21-Mar-19
W	Water	N	N	N	N

CLEANLINESS

		29-May-25	14-Sep-23	12-Oct-21	21-Mar-19
PARTICLE COUNT					
ISO	ISO Code Rating	22/17/12	21/18/14	22/17/13	22/19/13
4µ	4µ	21382	10451	21928	25015
6µ	6µ	1209	1358	957	2535
10µ	10µ	136	302	150	204
14µ	14µ	38	124	56	42
18µ	18µ	14	54	22	16
21µ	21µ	7	31	14	9
38µ	38µ	1	3	2	2
50µ	50µ	0	2	1	1



Report Comment

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ENGINE

EQUIP NUM: LD624
DEERE 2954D

SERIAL NUMBER: DCD290142

N030-54134-0123

LABEL#: 201493849

SHOP JOB NUM : 624-04

SAMPLE SHIP TIME (days) : 12

GALENA CONTRACTORS
LTD

RECEIVED DATE: 13-May-24

No Action Required

Interp By: Greg Eyre
Interpreted On: 14-May-24

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	01-May-24	29-Feb-24	07-Jul-23	01-May-23
Sampled Date	01-May-24	29-Feb-24	07-Jul-23	01-May-23
Sample Id	N030-54134-0123	N030-54081-0079	N030-53200-0408	N030-53129-0164
Lab Date	13-May-24	21-Mar-24	19-Jul-23	09-May-23
Meter [Hr]	15808	4933	15471	15209
Comp Meter [Hr]	4321	4933	15471	15209
Meter On Fluid	228	250	262	258
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	10W-30	10W-30	15W-40	10W-30
Fluid Type	DURON SHP	DURON SHP	DURON SHP	DURON SHP
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	28	24		
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		01-May-24	29-Feb-24	07-Jul-23	01-May-23
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	11.70	14.00	14.70	11.60
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	77.30	99.60	108.7	75.90
VISCOSITY INDEX					
VI	Viscosity Index	145	143	139	146

WEAR LEVELS / ADDITIVES

		01-May-24	29-Feb-24	07-Jul-23	01-May-23
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	2	13	2	2
K	Potassium	2	20	1	0
Si	Silicon	2	3	2	1
Al	Aluminum	0	0	1	1
Fe	Iron	7	12	15	10
Cr	Chromium	0	1	0	0
Pb	Lead	0	0	0	0
Cu	Copper	1	1	1	1
Sn	Tin	0	0	0	0
Ni	Nickel	1	1	1	1
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1219	1251	1248	1330
Ca	Calcium	1014	1084	1092	1177
Mg	Magnesium	940	1000	1022	965
Ba	Barium	0	0	0	0
B	Boron	1	1	1	2
Mo	Molybdenum	56	61	63	59
P	Phosphorus	1025	1051	1027	997

INFRARED (UFM)

		01-May-24	29-Feb-24	07-Jul-23	01-May-23
ST	Soot	2	8	20	5
OXI	Oxidation	14	14	14	15
SUL	Sulfur Products	18	19	19	20
NIT	Nitration	6	6	6	6

ANTIFREEZE

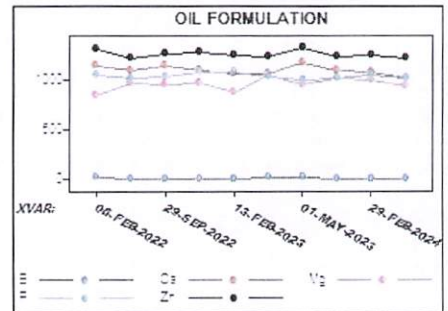
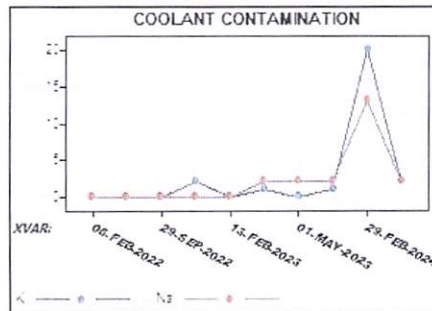
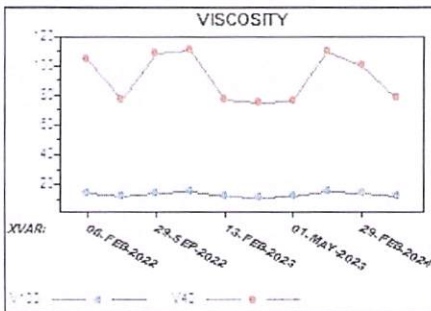
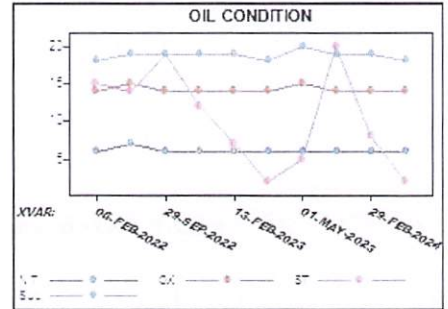
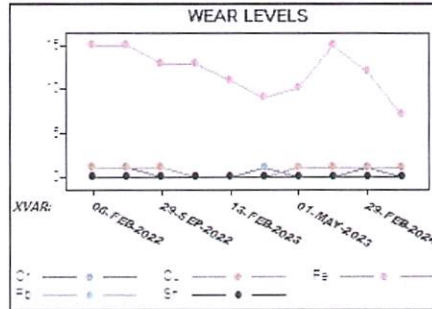
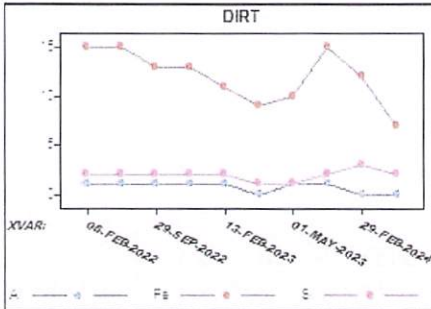
		01-May-24	29-Feb-24	07-Jul-23	01-May-23
A	Antifreeze	N	N	N	N

FUEL

		01-May-24	29-Feb-24	07-Jul-23	01-May-23
F	Fuel	N	N	N	N

WATER

		01-May-24	29-Feb-24	07-Jul-23	01-May-23
W	Water	N	N	N	N



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJVUrs>. Access our online platform: <https://soswebmc.cat.com/cat-sos/samples>. Want to sign up for online portal?, Go Paperless? Or have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.



ENGINE

N030-54081-0079
 LABEL#: 201494020
 SAMPLE SHIP TIME (days) : 21
GALENA CONTRACTORS
LTD
 RECEIVED DATE: 21-Mar-24

EQUIP NUM: LD624
DEERE 2954D

No Action Required

SERIAL NUMBER: DCD290142

Interp By: Gregory Scribner
Interpreted On: 22-Mar-24

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL *****SMU NOT TRENDING?

SAMPLE INFORMATION

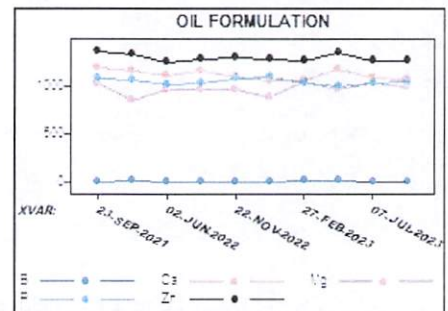
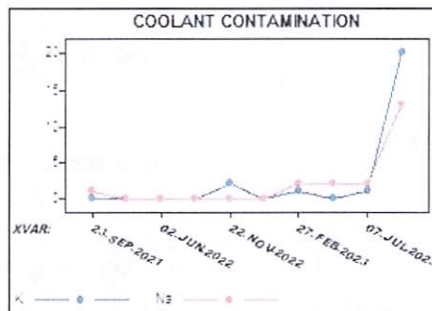
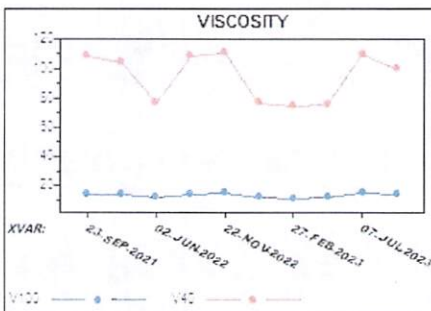
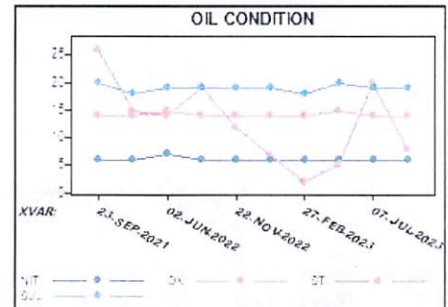
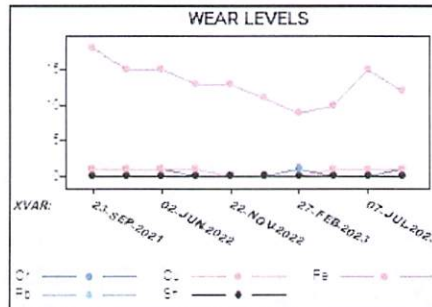
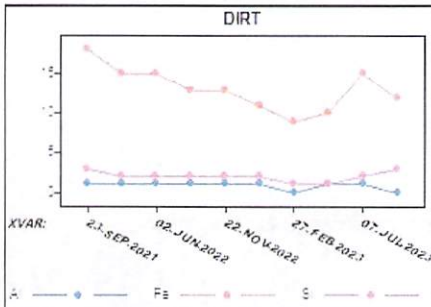
	29-Feb-24	07-Jul-23	01-May-23	27-Feb-23
Sampled Date	29-Feb-24	07-Jul-23	01-May-23	27-Feb-23
Sample Id	N030-54081-0079	N030-53200-0408	N030-53129-0164	N030-54071-0231
Lab Date	21-Mar-24	19-Jul-23	09-May-23	11-Mar-24
Meter [Hr]	4933	15471	15209	9925
Comp Meter [Hr]	4933	15471	15209	9925
Meter On Fluid	250	262	258	463
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	10W-30	15W-40	10W-30	10W-30
Fluid Type	DURON SHP	DURON SHP	DURON SHP	DURON SHP
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	24			28
Kidney Loop	U	U	U	U

WEAR LEVELS / ADDITIVES

		29-Feb-24	07-Jul-23	01-May-23	27-Feb-23
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	13	2	2	2
K	Potassium	20	1	0	1
Si	Silicon	3	2	1	1
Al	Aluminum	0	1	1	0
Fe	Iron	12	15	10	9
Cr	Chromium	1	0	0	1
Pb	Lead	0	0	0	0
Cu	Copper	1	1	1	0
Sn	Tin	0	0	0	0
Ni	Nickel	1	1	1	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	2
Zn	Zinc	1251	1248	1330	1249
Ca	Calcium	1084	1092	1177	1063
Mg	Magnesium	1000	1022	965	1049
Ba	Barium	0	0	0	0
B	Boron	1	1	2	4
Mo	Molybdenum	61	63	59	57
P	Phosphorus	1051	1027	997	1036

CONDITION / CONTAMINATION

		29-Feb-24	07-Jul-23	01-May-23	27-Feb-23
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	14.00	14.70	11.60	11.10
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	99.60	108.7	75.90	74.30
VISCOSITY INDEX					
VI	Viscosity Index	143	139	146	140
INFRARED (UFM)					
ST	Soot	8	20	5	2
OXI	Oxidation	14	14	15	14
SUL	Sulfur Products	19	19	20	18
NIT	Nitration	6	6	6	6
ANTIFREEZE					
A	Antifreeze	N	N	N	N
FUEL					
F	Fuel	N	N	N	N
WATER					
W	Water	N	N	N	N



Report Comment

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ENGINE

**EQUIP NUM: LD624
DEERE 2954D**

SERIAL NUMBER: DCD290142

N030-54071-0231
 LABEL#: 201466774
 SHOP JOB NUM : 640-04
 SAMPLE SHIP TIME (days) : 378
GALENA CONTRACTORS
LTD
 RECEIVED DATE: 11-Mar-24

No Action Required

**Interp By: Gregory Scribner
Interpreted On: 12-Mar-24**

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL. *****SMU NOT TRENDING?

SAMPLE INFORMATION

	27-Feb-23	13-Feb-23	22-Nov-22	29-Sep-22
Sampled Date	27-Feb-23	13-Feb-23	22-Nov-22	29-Sep-22
Sample Id	N030-54071-0231	N030-53052-0140	N030-52341-0336	N030-52284-0160
Lab Date	11-Mar-24	21-Feb-23	07-Dec-22	11-Oct-22
Meter [Hr]	9925	14681	14681	14430
Comp Meter [Hr]	9925	3221	14681	2718
Meter On Fluid	463	251	251	249
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	10W-30	10W-30	15W-40	15W-40
Fluid Type	DURON SHP	DURON SHP	DURON HP	DURON HP
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	28			
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		27-Feb-23	13-Feb-23	22-Nov-22	29-Sep-22
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	11.10	11.50	14.50	14.30

		27-Feb-23	13-Feb-23	22-Nov-22	29-Sep-22
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	74.30	77.00	109.8	108.0

		27-Feb-23	13-Feb-23	22-Nov-22	29-Sep-22
VISCOSITY INDEX					
VI	Viscosity Index	140	142	135	135

		27-Feb-23	13-Feb-23	22-Nov-22	29-Sep-22
INFRARED (UFM)					
ST	Soot	2	7	12	19
OXI	Oxidation	14	14	14	14
SUL	Sulfur Products	18	19	19	19
NIT	Nitration	6	6	6	6

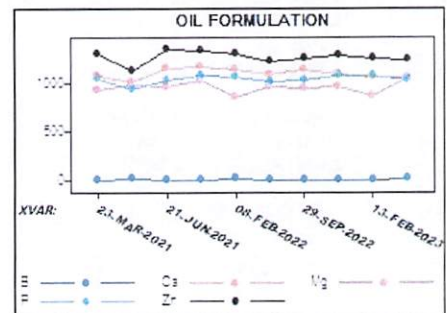
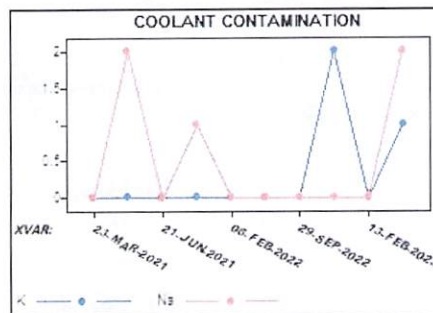
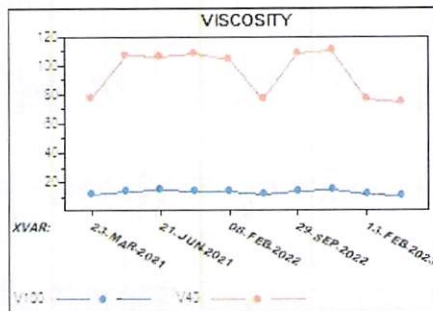
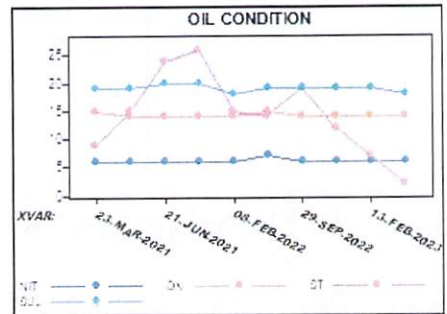
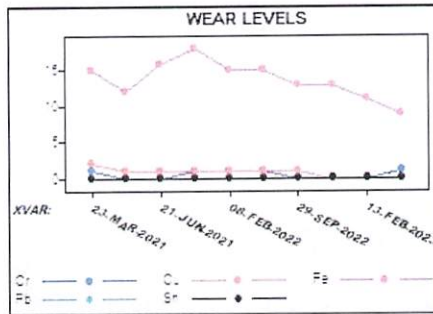
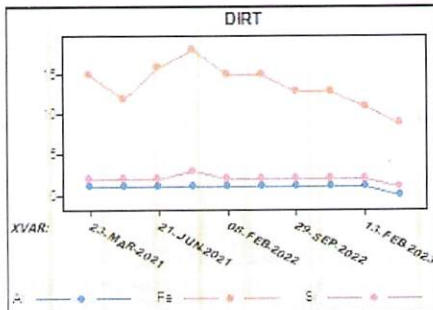
		27-Feb-23	13-Feb-23	22-Nov-22	29-Sep-22
ANTIFREEZE					
A	Antifreeze	N	N	N	N

		27-Feb-23	13-Feb-23	22-Nov-22	29-Sep-22
FUEL					
F	Fuel	N	N	N	N

		27-Feb-23	13-Feb-23	22-Nov-22	29-Sep-22
WATER					
W	Water	N	N	N	N

WEAR LEVELS / ADDITIVES

		27-Feb-23	13-Feb-23	22-Nov-22	29-Sep-22
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	2	0	0	0
K	Potassium	1	0	2	0
Si	Silicon	1	2	2	2
Al	Aluminum	0	1	1	1
Fe	Iron	9	11	13	13
Cr	Chromium	1	0	0	0
Pb	Lead	0	0	0	0
Cu	Copper	0	0	0	1
Sn	Tin	0	0	0	0
Ni	Nickel	0	0	0	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	2	0	0	0
Zn	Zinc	1249	1263	1291	1267
Ca	Calcium	1063	1066	1092	1149
Mg	Magnesium	1049	878	966	962
Ba	Barium	0	0	0	0
B	Boron	4	1	1	1
Mo	Molybdenum	57	59	63	61
P	Phosphorus	1036	1088	1084	1029



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJVVrs>. Access our online platform: <https://soswebmc.cat.com/cat-sos/samples>. Want to sign up for online portal?, Go Paperless? Or have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

HYDRAULIC SYSTEM

**EQUIP NUM: LD624
DEERE 2954D**

SERIAL NUMBER: DCD290142

N030-53268-0115

LABEL#: 201384094

SAMPLE SHIP TIME (days) : 11

GALENA CONTRACTORS

LTD

RECEIVED DATE: 25-Sep-23

No Action Required

Interp By: Gregory Scribner

Interpreted On: 26-Sep-23

FOR OIL SERVICE INDICATED: DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	14-Sep-23	12-Oct-21	21-Mar-19
Sampled Date	14-Sep-23	12-Oct-21	21-Mar-19
Sample Id	N030-53268-0115	N030-51295-0480	N030-49087-0432
Lab Date	25-Sep-23	22-Oct-21	28-Mar-19
Meter [Hr]	0	13698	9941
Comp Meter [Hr]	0	998	9941
Meter On Fluid	3032	998	9941
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	32-ISO	46-ISO	32-ISO
Fluid Type	HYDREX AW	HYDREX AW	HYDREX AW
Fluid Change	N	N	N
Filter Change	Y	Y	Y
Kidney Loop	U	U	U

CONDITION / CONTAMINATION

		14-Sep-23	12-Oct-21	21-Mar-19
VISCOSITY (Centistokes)				
V100	Viscosity at 100 C	5.900	5.6	5.7
VISCOSITY (Centistokes)				
V40	Viscosity at 40 C	33.30	31.9	35.0
VISCOSITY INDEX				
VI	Viscosity Index	122	114	102

WEAR LEVELS / ADDITIVES

		14-Sep-23	12-Oct-21	21-Mar-19
ELEMENTAL ANALYSIS (ppm)				
Na	Sodium	1	1	2
K	Potassium	0	0	1
Si	Silicon	0	1	1
Al	Aluminum	0	0	1
Fe	Iron	29	8	21
Cr	Chromium	1	0	1
Pb	Lead	0	1	0
Cu	Copper	2	1	1
Sn	Tin	0	0	0
Ni	Nickel	0	0	0
Ag	Silver	0	0	0
Ti	Titanium	0	0	0
V	Vanadium	0	0	0
Zn	Zinc	352	394	348
Ca	Calcium	31	37	46
Mg	Magnesium	1	2	2
Ba	Barium	0	0	0
B	Boron	0	0	0
Mo	Molybdenum	0	0	1
P	Phosphorus	313	308	273

INFRARED (UFM)

		14-Sep-23	12-Oct-21	21-Mar-19
ST	Soot	0	0	0
OXI	Oxidation	3	4	4
SUL	Sulfur Products	12	13	13
NIT	Nitration	2	2	2

ANTIFREEZE

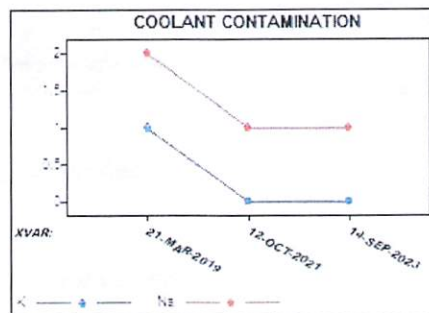
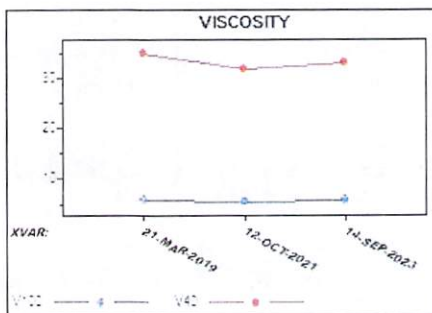
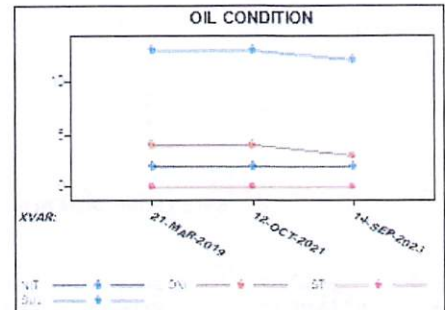
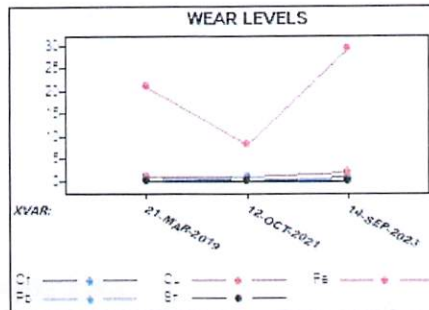
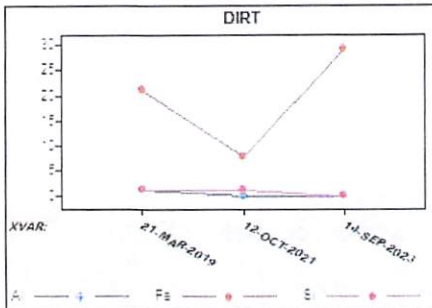
		14-Sep-23	12-Oct-21	21-Mar-19
A	Antifreeze	N	N	N

WATER

		14-Sep-23	12-Oct-21	21-Mar-19
W	Water	N	N	N

CLEANLINESS

		14-Sep-23	12-Oct-21	21-Mar-19
PARTICLE COUNT				
ISO	ISO Code Rating	21/18/14	22/17/13	22/19/13
4µ	4µ	10451	21928	25015
6µ	6µ	1358	957	2535
10µ	10µ	302	150	204
14µ	14µ	124	56	42
18µ	18µ	54	22	16
21µ	21µ	31	14	9
38µ	38µ	3	2	2
50µ	50µ	2	1	1



Report Comment

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ENGINE

N030-53200-0408

LABEL#: 201384184

SAMPLE SHIP TIME (days) : 12

GALENA CONTRACTORS

LTD

RECEIVED DATE: 19-Jul-23

EQUIP NUM: LD624

DEERE 2954D

 **No Action Required**

SERIAL NUMBER: DCD290142

Interp By: Greg Eyre
Interpreted On: 20-Jul-23

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	07-Jul-23	01-May-23	13-Feb-23	22-Nov-22
Sampled Date	07-Jul-23	01-May-23	13-Feb-23	22-Nov-22
Sample Id	N030-53200-0408	N030-53129-0164	N030-53052-0140	N030-52341-0336
Lab Date	19-Jul-23	09-May-23	21-Feb-23	07-Dec-22
Meter [Hr]	15471	15209	14681	14681
Comp Meter [Hr]	15471	15209	3221	14681
Meter On Fluid	262	258	251	251
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	15W-40	10W-30	10W-30	15W-40
Fluid Type	DURON SHP	DURON SHP	DURON SHP	DURON HP
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		07-Jul-23	01-May-23	13-Feb-23	22-Nov-22
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	14.70	11.60	11.50	14.50
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	108.7	75.90	77.00	109.8
VISCOSITY INDEX					
VI	Viscosity Index	139	146	142	135

WEAR LEVELS / ADDITIVES

	07-Jul-23	01-May-23	13-Feb-23	22-Nov-22
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	2	2	0	0
K Potassium	1	0	0	2
Si Silicon	2	1	2	2
Al Aluminum	1	1	1	1
Fe Iron	15	10	11	13
Cr Chromium	0	0	0	0
Pb Lead	0	0	0	0
Cu Copper	1	1	0	0
Sn Tin	0	0	0	0
Ni Nickel	1	1	0	0
Ag Silver	0	0	0	0
Ti Titanium	0	0	0	0
V Vanadium	0	0	0	0
Zn Zinc	1248	1330	1263	1291
Ca Calcium	1092	1177	1066	1092
Mg Magnesium	1022	965	878	966
Ba Barium	0	0	0	0
B Boron	1	2	1	1
Mo Molybdenum	63	59	59	63
P Phosphorus	1027	997	1088	1084

INFRARED (UFM)

		07-Jul-23	01-May-23	13-Feb-23	22-Nov-22
ST	Soot	20	5	7	12
OXI	Oxidation	14	15	14	14
SUL	Sulfur Products	19	20	19	19
NIT	Nitration	6	6	6	6

ANTIFREEZE

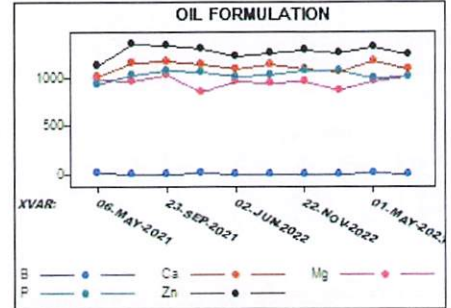
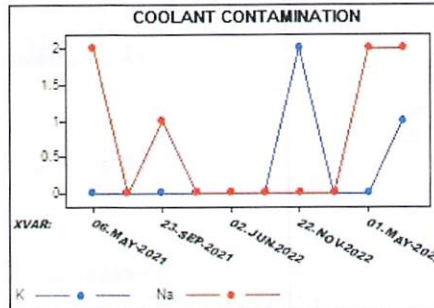
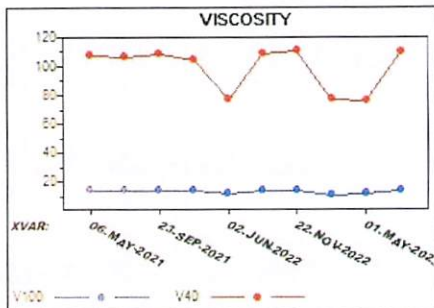
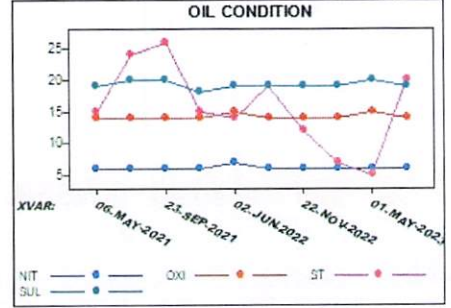
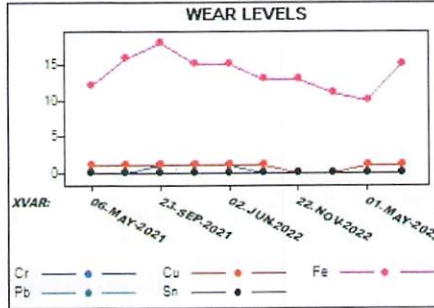
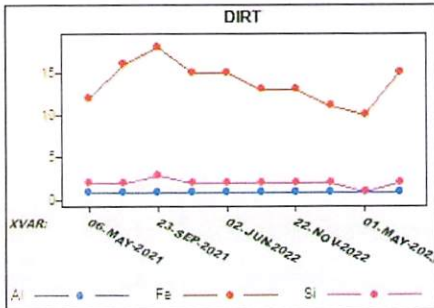
		07-Jul-23	01-May-23	13-Feb-23	22-Nov-22
A	Antifreeze	N	N	N	N

FUEL

		07-Jul-23	01-May-23	13-Feb-23	22-Nov-22
F	Fuel	N	N	N	N

WATER

		07-Jul-23	01-May-23	13-Feb-23	22-Nov-22
W	Water	N	N	N	N



Report Comment


Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJUVrs>. Access our online platform: <https://soswebmc.cat.com/cat-sos/samples>. Want to sign up for online portal?, Go Paperless? Or have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

ENGINE

EQUIP NUM: LD624
DEERE 2954D

SERIAL NUMBER: DCD290142

N030-53129-0164
LABEL#: 201174794
SAMPLE SHIP TIME (days) : 8
GALENA CONTRACTORS
LTD
RECEIVED DATE: 09-May-23

 **No Action Required**

Interp By: Salvatore Borelli
Interpreted On: 11-May-23

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	01-May-23	13-Feb-23	22-Nov-22	29-Sep-22
Sampled Date	01-May-23	13-Feb-23	22-Nov-22	29-Sep-22
Sample Id	N030-53129-0164	N030-53052-0140	N030-52341-0336	N030-52284-0160
Lab Date	09-May-23	21-Feb-23	07-Dec-22	11-Oct-22
Meter [Hr]	15209	14681	14681	14430
Comp Meter [Hr]	15209	3221	14681	2718
Meter On Fluid	258	251	251	249
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	10W-30	10W-30	15W-40	15W-40
Fluid Type	DURON SHP	DURON SHP	DURON HP	DURON HP
Oil Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		01-May-23	13-Feb-23	22-Nov-22	29-Sep-22
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	11.60	11.50	14.50	14.30
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	75.90	77.00	109.8	108.0
VISCOSITY INDEX					
VI	Viscosity Index	146	142	135	135

WEAR LEVELS / ADDITIVES

	01-May-23	13-Feb-23	22-Nov-22	29-Sep-22
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	2	0	0	0
K Potassium	0	0	2	0
Si Silicon	1	2	2	2
Al Aluminum	1	1	1	1
Fe Iron	10	11	13	13
Cr Chromium	0	0	0	0
Pb Lead	0	0	0	0
Cu Copper	1	0	0	1
Sn Tin	0	0	0	0
Ni Nickel	1	0	0	0
Ag Silver	0	0	0	0
Ti Titanium	0	0	0	0
V Vanadium	0	0	0	0
Zn Zinc	1330	1263	1291	1267
Ca Calcium	1177	1066	1092	1149
Mg Magnesium	965	878	966	962
Ba Barium	0	0	0	0
B Boron	2	1	1	1
Mo Molybdenum	59	59	63	61
P Phosphorus	997	1088	1084	1029

INFRARED (UFM)

		01-May-23	13-Feb-23	22-Nov-22	29-Sep-22
ST	Soot	5	7	12	19
OXI	Oxidation	15	14	14	14
SUL	Sulfur Products	20	19	19	19
NIT	Nitration	6	6	6	6

ANTIFREEZE

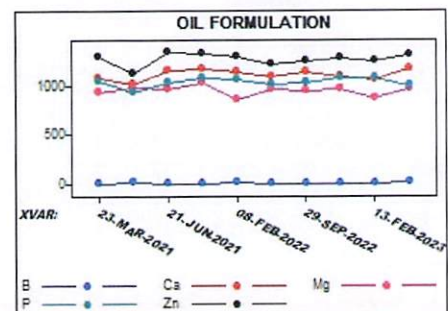
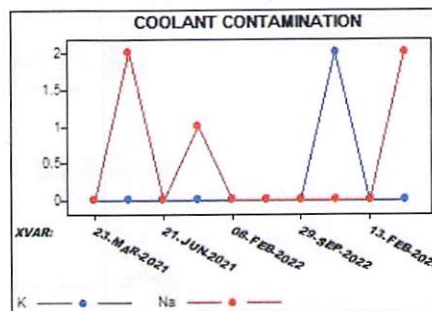
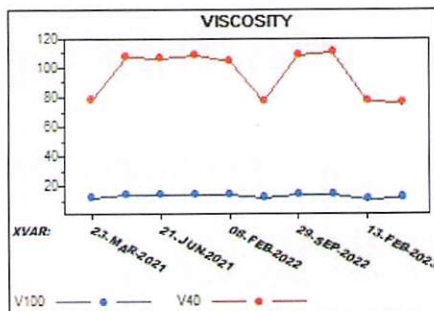
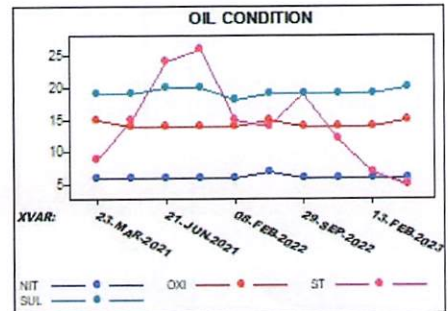
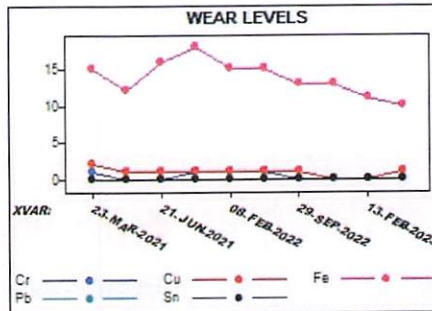
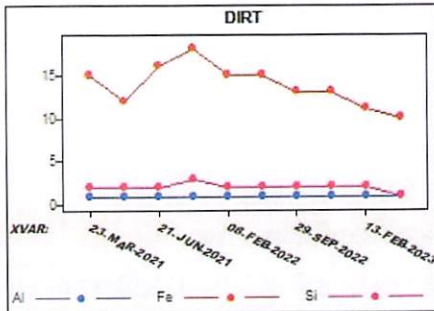
		01-May-23	13-Feb-23	22-Nov-22	29-Sep-22
A	Antifreeze	N	N	N	N

FUEL

		01-May-23	13-Feb-23	22-Nov-22	29-Sep-22
F	Fuel	N	N	N	N

WATER

		01-May-23	13-Feb-23	22-Nov-22	29-Sep-22
W	Water	N	N	N	N



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJVUrs>. Access our online platform: <https://soswebmc.cat.com/cat-sos/samples>. Want to sign up for online portal?, Go Paperless? Or have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

ENGINE

EQUIP NUM: LD624

SERIAL NUMBER: DCD290142

N030-53052-0140

LABEL#: 201173251

SAMPLE SHIP TIME (days) : 8

GALENA CONTRACTORS

LTD

RECEIVED DATE: 21-Feb-23

DEERE 2954D



No Action Required

Interp By: Greg Eyre
Interpreted On: 24-Feb-23

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	13-Feb-23	22-Nov-22	29-Sep-22	02-Jun-22
Sampled Date	13-Feb-23	22-Nov-22	29-Sep-22	02-Jun-22
Sample Id	N030-53052-0140	N030-52341-0336	N030-52284-0160	N030-52164-0253
Lab Date	21-Feb-23	07-Dec-22	11-Oct-22	13-Jun-22
Meter [Hr]	14681	14681	14430	14199
Comp Meter [Hr]	3221	14681	2718	14199
Meter On Fluid	251	251	249	272
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	10W-30	15W-40	15W-40	15W-40
Fluid Type	DURON SHP	DURON HP	DURON HP	DURON HP
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		13-Feb-23	22-Nov-22	29-Sep-22	02-Jun-22
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	11.50	14.50	14.30	11.60
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	77.00	109.8	108.0	77.00
VISCOSITY INDEX					
VI	Viscosity Index	142	135	135	144

WEAR LEVELS / ADDITIVES

	13-Feb-23	22-Nov-22	29-Sep-22	02-Jun-22	
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	0	0	0	0
K	Potassium	0	2	0	0
Si	Silicon	2	2	2	2
Al	Aluminum	1	1	1	1
Fe	Iron	11	13	13	15
Cr	Chromium	0	0	0	1
Pb	Lead	0	0	0	0
Cu	Copper	0	0	1	1
Sn	Tin	0	0	0	0
Ni	Nickel	0	0	0	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1263	1291	1267	1229
Ca	Calcium	1066	1092	1149	1106
Mg	Magnesium	878	966	962	966
Ba	Barium	0	0	0	0
B	Boron	1	1	1	0
Mo	Molybdenum	59	63	61	60
P	Phosphorus	1088	1084	1029	1013

INFRARED (UFM)

		13-Feb-23	22-Nov-22	29-Sep-22	02-Jun-22
ST	Soot	7	12	19	14
OXI	Oxidation	14	14	14	15
SUL	Sulfur Products	19	19	19	19
NIT	Nitration	6	6	6	7

ANTIFREEZE

		13-Feb-23	22-Nov-22	29-Sep-22	02-Jun-22
A	Antifreeze	N	N	N	N

FUEL

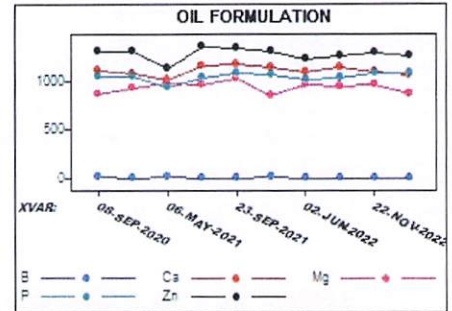
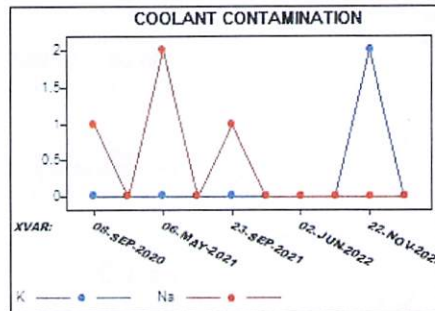
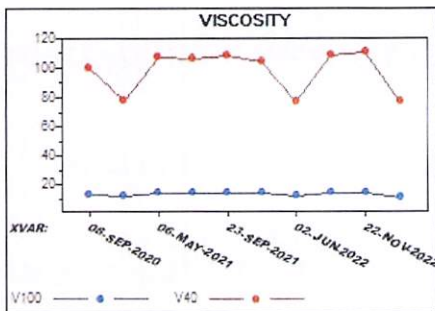
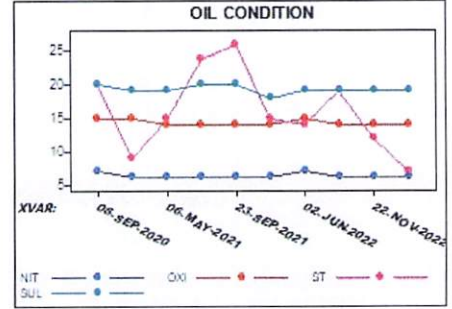
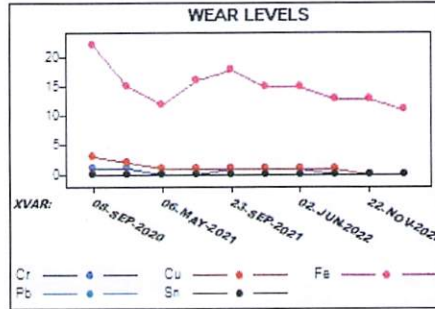
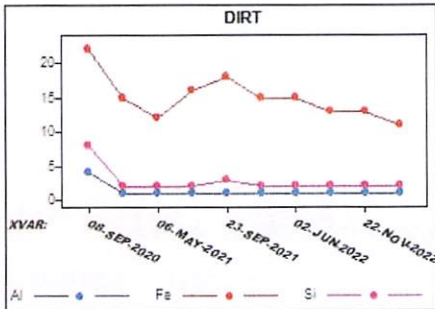
		13-Feb-23	22-Nov-22	29-Sep-22	02-Jun-22
F	Fuel	N	N	N	N

FUEL CONTENT (%)

		13-Feb-23	22-Nov-22	29-Sep-22	02-Jun-22
PFc	Percent Fuel				0.55

WATER

		13-Feb-23	22-Nov-22	29-Sep-22	02-Jun-22
W	Water	N	N	N	N



Report Comment

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ENGINE

N030-52341-0336

LABEL#: 201125232

SAMPLE SHIP TIME (days) : 15

GALENA CONTRACTORS

LTD

RECEIVED DATE: 07-Dec-22

EQUIP NUM: LD624

DEERE 2954D



No Action Required

SERIAL NUMBER: DCD290142

Interp By: Gregory Scribner

Interpreted On: 08-Dec-22

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	22-Nov-22	29-Sep-22	02-Jun-22	08-Feb-22
Sampled Date	22-Nov-22	29-Sep-22	02-Jun-22	08-Feb-22
Sample Id	N030-52341-0336	N030-52284-0160	N030-52164-0253	N030-52048-0545
Lab Date	07-Dec-22	11-Oct-22	13-Jun-22	17-Feb-22
Meter [Hr]	14681	14430	14199	13927
Comp Meter [Hr]	14681	2718	14199	13927
Meter On Fluid	251	249	272	279
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	15W-40	15W-40	15W-40	10W-30
Fluid Type	DURON HP	DURON HP	DURON HP	DURON HP
Oil Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		22-Nov-22	29-Sep-22	02-Jun-22	08-Feb-22
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	14.50	14.30	11.60	14.00
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	109.8	108.0	77.00	103.9
VISCOSITY INDEX					
VI	Viscosity Index	135	135	144	136

WEAR LEVELS / ADDITIVES

	22-Nov-22	29-Sep-22	02-Jun-22	08-Feb-22	
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	0	0	0	0
K	Potassium	2	0	0	0
Si	Silicon	2	2	2	2
Al	Aluminum	1	1	1	1
Fe	Iron	13	13	15	15
Cr	Chromium	0	0	1	1
Pb	Lead	0	0	0	0
Cu	Copper	0	1	1	1
Sn	Tin	0	0	0	0
Ni	Nickel	0	0	0	1
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1291	1267	1229	1313
Ca	Calcium	1092	1149	1106	1151
Mg	Magnesium	966	962	966	853
Ba	Barium	0	0	0	0
B	Boron	1	1	0	2
Mo	Molybdenum	63	61	60	56
P	Phosphorus	1084	1029	1013	1060

INFRARED (UFM)

		22-Nov-22	29-Sep-22	02-Jun-22	08-Feb-22
ST	Soot	12	19	14	15
OXI	Oxidation	14	14	15	14
SUL	Sulfur Products	19	19	19	18
NIT	Nitration	6	6	7	6

ANTIFREEZE

		22-Nov-22	29-Sep-22	02-Jun-22	08-Feb-22
A	Antifreeze	N	N	N	N

FUEL

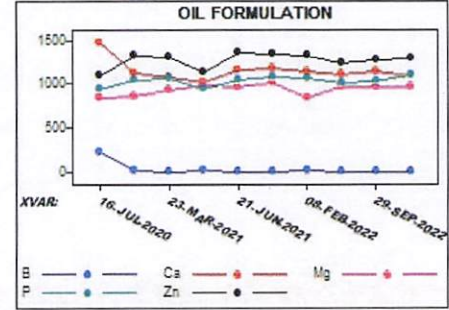
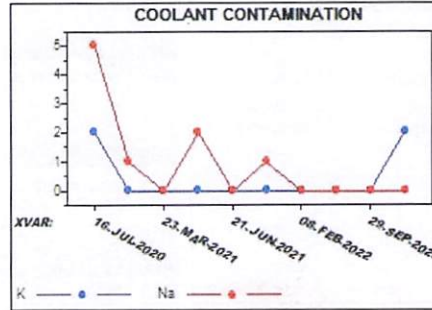
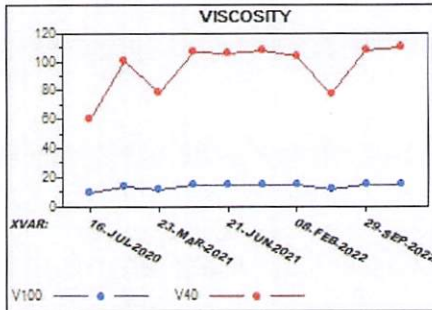
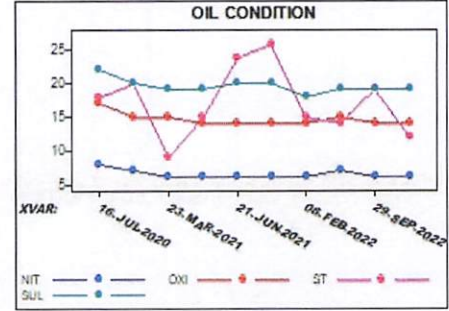
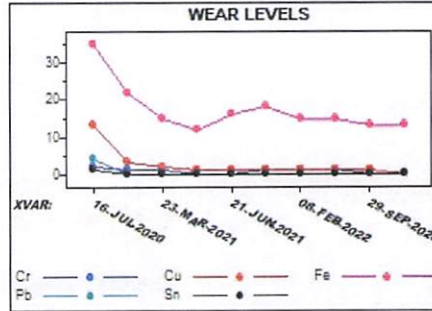
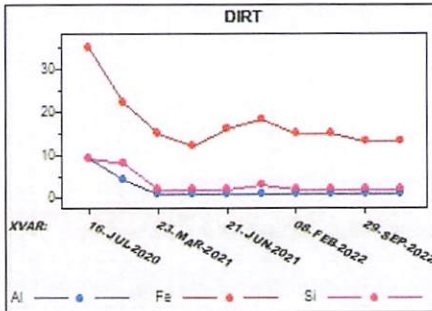
		22-Nov-22	29-Sep-22	02-Jun-22	08-Feb-22
F	Fuel	N	N	N	N

FUEL CONTENT (%)

		22-Nov-22	29-Sep-22	02-Jun-22	08-Feb-22
PFc	Percent Fuel			0.55	

WATER

		22-Nov-22	29-Sep-22	02-Jun-22	08-Feb-22
W	Water	N	N	N	N



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJVUrs>. Access our online platform: <https://soswebmc.cat.com/cat-sos/samples>. Want to sign up for online portal?, Go Paperless? Or have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

ENGINE

EQUIP NUM: LD624

SERIAL NUMBER: DCD290142

DEERE 2954D

 No Action Required

Interp By: Gregory Scribner

Interpreted On: 13-Oct-22

N030-52284-0160

LABEL#: 201019345

SAMPLE SHIP TIME (days) : 12

GALENA CONTRACTORS

LTD

RECEIVED DATE: 11-Oct-22

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	29-Sep-22	02-Jun-22	08-Feb-22	23-Sep-21
Sampled Date	29-Sep-22	02-Jun-22	08-Feb-22	23-Sep-21
Sample Id	N030-52284-0160	N030-52164-0253	N030-52048-0545	N030-51273-0217
Lab Date	11-Oct-22	13-Jun-22	17-Feb-22	30-Sep-21
Meter [Hr]	14430	14199	13927	13648
Comp Meter [Hr]	2718	14199	13927	13648
Meter On Fluid	249	272	279	283
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	15W-40	15W-40	10W-30	15W-40
Fluid Type	DURON HP	DURON HP	DURON HP	DURON HP
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		29-Sep-22	02-Jun-22	08-Feb-22	23-Sep-21
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	14.30	11.60	14.00	14.3
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	108.0	77.00	103.9	108.4
VISCOSITY INDEX					
VI	Viscosity Index	135	144	136	134

WEAR LEVELS / ADDITIVES

	29-Sep-22	02-Jun-22	08-Feb-22	23-Sep-21	
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	0	0	0	1
K	Potassium	0	0	0	0
Si	Silicon	2	2	2	3
Al	Aluminum	1	1	1	1
Fe	Iron	13	15	15	18
Cr	Chromium	0	1	1	1
Pb	Lead	0	0	0	0
Cu	Copper	1	1	1	1
Sn	Tin	0	0	0	0
Ni	Nickel	0	0	1	1
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1267	1229	1313	1341
Ca	Calcium	1149	1106	1151	1184
Mg	Magnesium	962	966	853	1031
Ba	Barium	0	0	0	0
B	Boron	1	0	2	1
Mo	Molybdenum	61	60	56	62
P	Phosphorus	1029	1013	1060	1080

INFRARED (UFM)

		29-Sep-22	02-Jun-22	08-Feb-22	23-Sep-21
ST	Soot	19	14	15	26
OXI	Oxidation	14	15	14	14
SUL	Sulfur Products	19	19	18	20
NIT	Nitration	6	7	6	6

ANTIFREEZE

		29-Sep-22	02-Jun-22	08-Feb-22	23-Sep-21
A	Antifreeze	N	N	N	N

FUEL

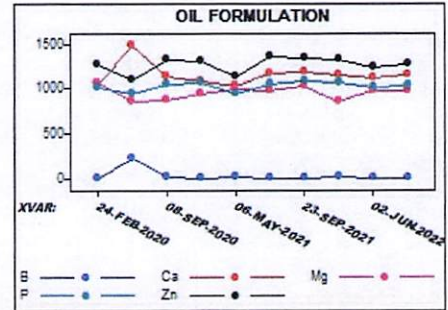
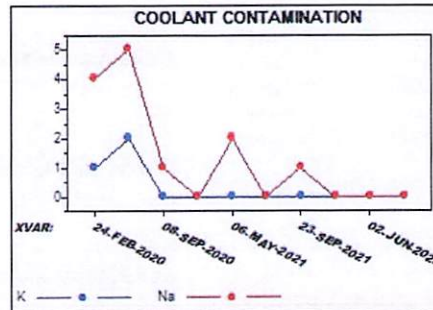
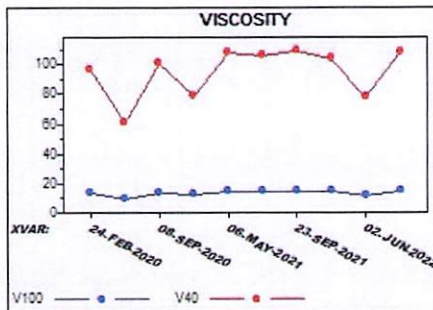
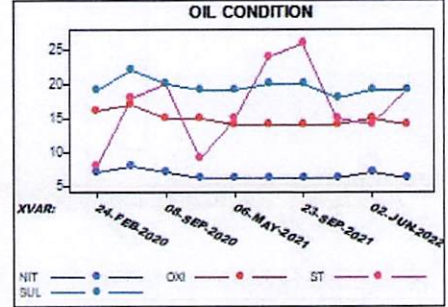
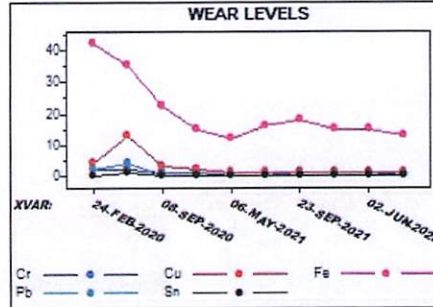
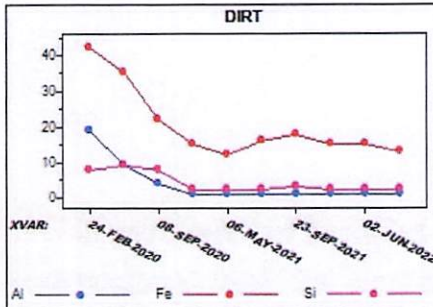
		29-Sep-22	02-Jun-22	08-Feb-22	23-Sep-21
F	Fuel	N	N	N	N

FUEL CONTENT (%)

		29-Sep-22	02-Jun-22	08-Feb-22	23-Sep-21
PFc	Percent Fuel		0.55		

WATER

		29-Sep-22	02-Jun-22	08-Feb-22	23-Sep-21
W	Water	N	N	N	N



Report Comment

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ENGINE

N030-52164-0253

LABEL#: 201050954

SAMPLE SHIP TIME (days) : 11

GALENA CONTRACTORS

LTD

RECEIVED DATE: 13-Jun-22

EQUIP NUM: LD624

DEERE 2954D



No Action Required

SERIAL NUMBER: DCD290142

Interp By: Gregory Scribner

Interpreted On: 14-Jun-22

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. VISCOSITY INDICATES A 30W OIL, FUEL TEST IS NEGATIVE. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	02-Jun-22	08-Feb-22	23-Sep-21	21-Jun-21
Sampled Date	02-Jun-22	08-Feb-22	23-Sep-21	21-Jun-21
Sample Id	N030-52164-0253	N030-52048-0545	N030-51273-0217	N030-51190-0186
Lab Date	13-Jun-22	17-Feb-22	30-Sep-21	09-Jul-21
Meter [Hr]	14199	13927	13648	13365
Comp Meter [Hr]	14199	13927	13648	13365
Meter On Fluid	272	279	283	281
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	15W-40	10W-30	15W-40	15W-40
Fluid Type	DURON HP	DURON HP	DURON HP	DURON HP
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Kidney Loop	U	U	U	U

PREVIOUS SAMPLE

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

CONDITION / CONTAMINATION

	02-Jun-22	08-Feb-22	23-Sep-21	21-Jun-21
VISCOSITY (Centistokes)				
V100 Viscosity at 100 C	11.60	14.00	14.3	14.4

	02-Jun-22	08-Feb-22	23-Sep-21	21-Jun-21
VISCOSITY (Centistokes)				
V40 Viscosity at 40 C	77.00	103.9	108.4	106.0

VISCOSITY INDEX

	02-Jun-22	08-Feb-22	23-Sep-21	21-Jun-21
VI Viscosity Index	144	136	134	139

INFRARED (UFM)

	02-Jun-22	08-Feb-22	23-Sep-21	21-Jun-21
ST Soot	14	15	26	24
OXI Oxidation	15	14	14	14
SUL Sulfur Products	19	18	20	20
NIT Nitration	7	6	6	6

ANTIFREEZE

	02-Jun-22	08-Feb-22	23-Sep-21	21-Jun-21
A Antifreeze	N	N	N	N

FUEL

	02-Jun-22	08-Feb-22	23-Sep-21	21-Jun-21
F Fuel	N	N	N	N

FUEL CONTENT (%)

	02-Jun-22	08-Feb-22	23-Sep-21	21-Jun-21
PFC Percent Fuel	0.55			

WATER

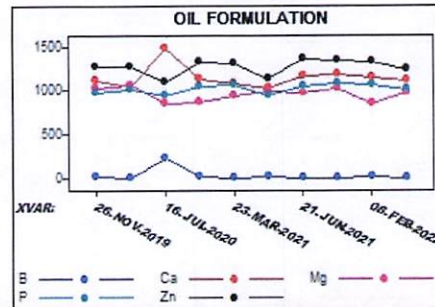
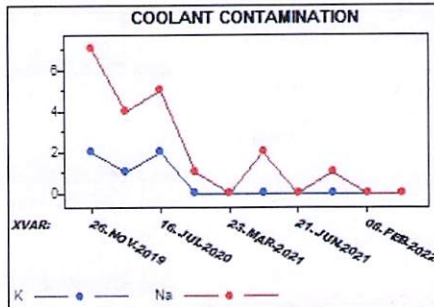
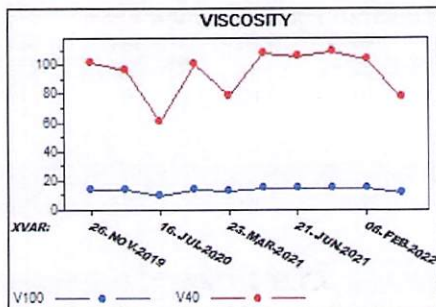
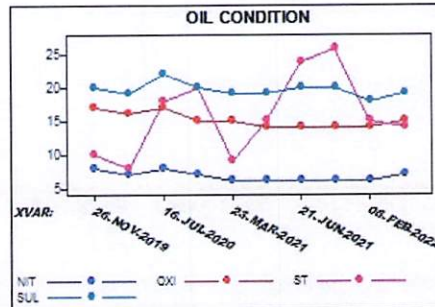
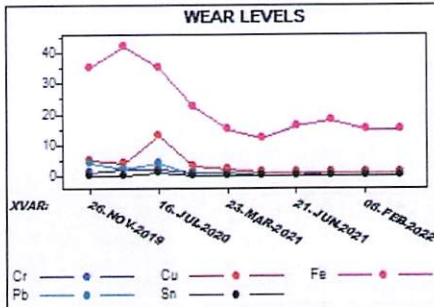
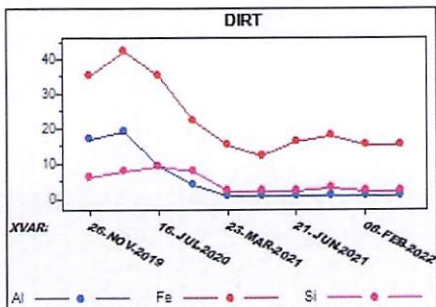
	02-Jun-22	08-Feb-22	23-Sep-21	21-Jun-21
W Water	N	N	N	N

WEAR LEVELS / ADDITIVES

02-Jun-22 08-Feb-22 23-Sep-21 21-Jun-21

ELEMENTAL ANALYSIS (ppm)

	02-Jun-22	08-Feb-22	23-Sep-21	21-Jun-21
Na Sodium	0	0	1	0
K Potassium	0	0	0	0
Si Silicon	2	2	3	2
Al Aluminum	1	1	1	1
Fe Iron	15	15	18	16
Cr Chromium	1	1	1	0
Pb Lead	0	0	0	0
Cu Copper	1	1	1	1
Sn Tin	0	0	0	0
Ni Nickel	0	1	1	0
Ag Silver	0	0	0	0
Ti Titanium	0	0	0	0
V Vanadium	0	0	0	0
Zn Zinc	1229	1313	1341	1349
Ca Calcium	1106	1151	1184	1163
Mg Magnesium	966	853	1031	963
Ba Barium	0	0	0	0
B Boron	0	2	1	1
Mo Molybdenum	60	56	62	58
P Phosphorus	1013	1060	1080	1038



Report Comment

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