

TRANSMISSION DIFF

EQUIP NUM: G1619

SERIAL NUMBER: EB700140

N030-55296-0492

LABEL#: 202049042

SAMPLE SHIP TIME (days) 8

PRECISION

CONTRACTORS LTD

RECEIVED DATE: 23-Oct-25

CAT 160M



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.

Interp By: Aron Balines

Interpreted On: 29-Oct-25

SAMPLE INFORMATION

	15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
Sample Date	15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
Sample Id	N030-55296-0492	N030-55035-0250	N030-54292-0874	N030-54184-0748
Lab Date	23-Oct-25	04-Feb-25	18-Oct-24	02-Jul-24
Meter [Hr]	7400.0	6481.0	6000.0	5474.0
Meter On Fluid	427.0	481.0	6000.0	5474.0
Fluid Brand	MOBIL	MOBIL	MOBIL	CAT
Fluid Weight	0W-20	0W-20	0W-20	10W-40
Fluid Type	MOBILTRANS AST EX	MOBILTRANS AST EX	MOBILTRANS AST EX	TDTO-TMS
Fluid Change	N	N	Y	N
Filter Change	Y	Y	Y	Y

CONDITION / CONTAMINATION

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	7.000	6.900	7.000	7.300

VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	30.30	30.70	31.80	33.60

VISCOSITY INDEX					
VI	Viscosity Index	205	196	191	191

INFRARED (UFM)

ST	Soot	0	0	0	0
OXI	Oxidation	29	29	29	28
SUL	Sulfate By-Product	39	41	41	39
	Sulfur Products	39	41	41	39
NIT	Nitration	3	3	4	3

ANTIFREEZE

A	Antifreeze	N	N	N	N
---	------------	---	---	---	---

WATER

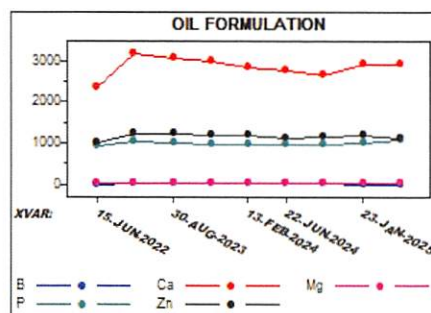
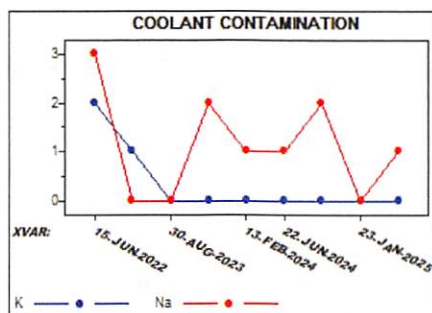
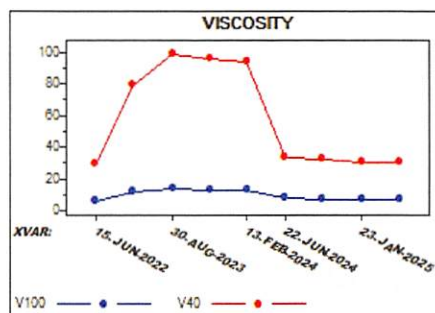
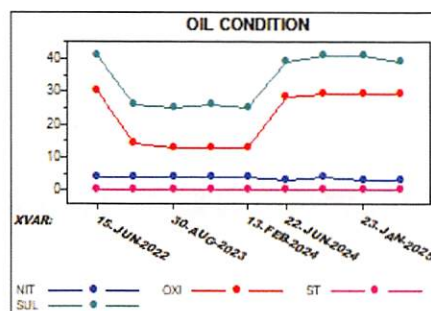
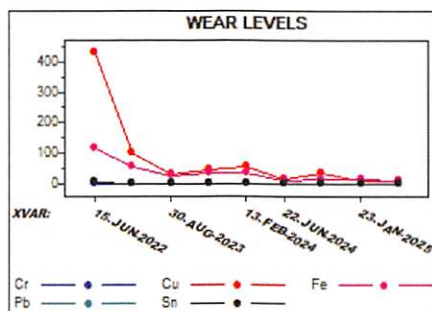
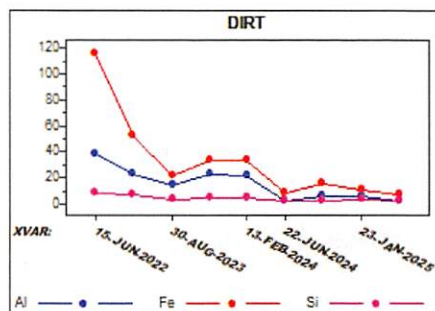
W	Water	N	N	N	N
---	-------	---	---	---	---

CLEANLINESS

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
PARTICLE COUNT					
ISO	ISO Code Rating	23/21/17	23/20/16	20/18/13	19/16/11
4μ	4μ	41077	48209	6064	3985
6μ	6μ	14546	7192	1443	505
10μ	10μ	2853	1349	245	83
14μ	14μ	847	429	74	19
18μ	18μ		146		10
21μ	21μ	171	69	19	7
38μ	38μ	3	7	0	1
50μ	50μ		5		1

WEAR LEVELS / ADDITIVES

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	1	0	2	1
K	Potassium	0	0	0	0
Si	Silicon	3	4	3	3
Al	Aluminum	3	6	6	3
Fe	Iron	7	11	15	9
Cr	Chromium	0	0	0	0
Pb	Lead	0	0	0	0
Cu	Copper	6	9	35	15
Sn	Tin	0	0	0	0
Ni	Nickel	1	0	1	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1118	1200	1141	1118
Ca	Calcium	2927	2923	2647	2773
Mg	Magnesium	10	11	8	8
Ba	Barium	0	0	0	0
B	Boron	1	1	4	5
Mo	Molybdenum	0	1	0	0
P	Phosphorus	1087	980	952	966



Report Comment

VisionLink® will be the new home for S-O-SM 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.

CIRCLE DRIVE BOX

N030-55296-0494

LABEL#: 2020492266

SAMPLE SHIP TIME (days) : 8

PRECISION

CONTRACTORS LTD

RECEIVED DATE: 23-Oct-25

EQUIP NUM: G1619

CAT 160M

No Action Required

SERIAL NUMBER: EB700140

Interp By: Aron Balines

Interpreted On: 29-Oct-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

	15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
Sampled Date	15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
Sample Id	N030-55296-0494	N030-55035-0270	N030-54292-0879	N030-54184-0750
Lab Date	23-Oct-25	04-Feb-25	18-Oct-24	02-Jul-24
Meter [Hr]	7400.0	6481.0	6000.0	5474.0
Meter On Fluid	427.0	481.0	953.0	427.0
Fluid Brand	MOBIL	MOBIL	CHEVRON	CAT
Fluid Weight	75W-90	75W-90	75W-90	75W-90
Fluid Type	DELVAC SYN GEAR	DELVAC SYN GEAR	DELO SYN-GEAR HD	
Fluid Change	Y	N	Y	N
Filter Change	NA	NA	NA	NA

CONDITION / CONTAMINATION

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	14.90	15.80	14.70	14.70
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	106.6	103.9	105.0	103.8
VISCOSITY INDEX					
VI	Viscosity Index	145	162	145	147

WEAR LEVELS / ADDITIVES

	15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	1	1	1	0
K Potassium	1	0	0	0
Si Silicon	1	4	2	1
Al Aluminum	0	133	48	44
Fe Iron	1	42	15	12
Cr Chromium	0	0	0	0
Pb Lead	0	5	3	3
Cu Copper	0	70	34	48
Sn Tin	0	0	0	2
Ni Nickel	0	0	1	0
Ag Silver	0	0	0	0
Ti Titanium	0	0	0	0
V Vanadium	0	0	0	0
Zn Zinc	15	11	9	25
Ca Calcium	38	9	8	58
Mg Magnesium	3	1	1	1
Ba Barium	0	0	0	0
B Boron	90	200	207	192
Mo Molybdenum	0	6	5	0
P Phosphorus	1349	1289	1259	1250

INFRARED (UFM)

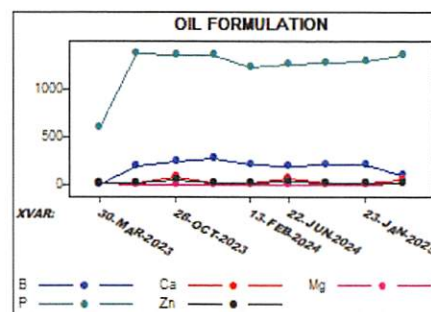
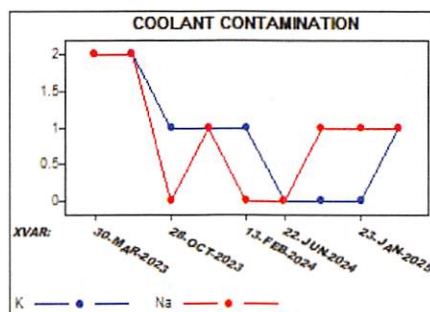
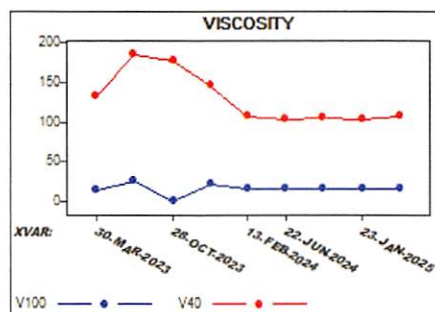
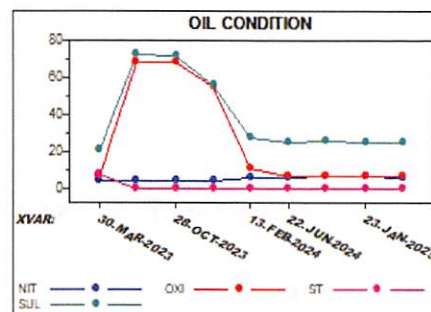
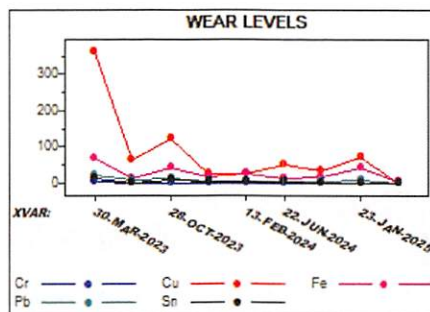
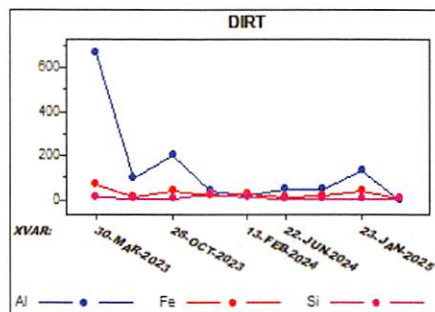
ST	Soot	0	0	0	0
OXI	Oxidation	7	7	7	7
SUL	Sulfate By-Product	25	25	26	25
	Sulfur Products	25	25	26	25
NIT	Nitration	6	7	7	6

WATER

W	Water	N	T	T	N
---	-------	---	---	---	---

CLEANLINESS

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
PARTICLE COUNT					
ISO	ISO Code Rating	22/20/17	METAL	H2O	23/23/22
PC Ra	PC Rating		A2		
4μ	4μ	27983			79498
6μ	6μ	9718			68154
10μ	10μ	2191			42850
14μ	14μ	703			23035
18μ	18μ				11682
21μ	21μ	151			7026
38μ	38μ	5			401
50μ	50μ				100



Report Comment

VisionLink® will be the new home for S-O-SM 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.

HYDRAULIC SYSTEM

EQUIP NUM: G1619

SERIAL NUMBER: EB700140

N030-55296-0496

LABEL#: 202049703

SAMPLE SHIP TIME (days) : 8

PRECISION
CONTRACTORS LTD

RECEIVED DATE: 23-Oct-25

CAT 160M



No Action Required

 Interp By: Aron Balines
 Interpreted On: 29-Oct-25

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

SAMPLE INFORMATION

	15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
Sample Date	15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
Sample Id	N030-55296-0496	N030-55035-0256	N030-54292-0873	N030-54184-0747
Lab Date	23-Oct-25	04-Feb-25	18-Oct-24	02-Jul-24
Meter [Hr]	7400.0	6481.0	6000.0	5474.0
Meter On Fluid	1400.0	481.0	6000.0	5474.0
Fluid Brand	MOBIL	MOBIL	CAT	CAT
Fluid Weight	OW-20	OW-20	OW-20	OW-20
Fluid Type	MOBILTRANS AST EX	MOBILTRANS AST EX	TDTO COLD WEATHE	TDTO COLD WEATHE
Fluid Change	N	N	Y	N
Filter Change	Y	Y	Y	Y

CONDITION / CONTAMINATION

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	7.400	7.600	8.600	8.800

V40	Viscosity at 40 C	33.40	36.60	48.80	50.80
-----	-------------------	-------	-------	-------	-------

VISCOSITY INDEX					
VI	Viscosity Index	197	183	155	153

INFRARED (UFM)					
ST	Soot	0	0	0	0
OXI	Oxidation	30	31	31	31
SUL	Sulfate By-Product	39	39	34	32
	Sulfur Products	39	39	34	32
NIT	Nitration	3	4	4	4

ANTIFREEZE					
A	Antifreeze	N	N	N	N

WATER					
W	Water	N	N	N	N

CLEANLINESS

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
PARTICLE COUNT					
ISO	ISO Code Rating	23/21/16	21/17/13	20/17/14	16/15/11
4μ	4μ	40173	13744	5220	581
6μ	6μ	12775	765	1160	168
10μ	10μ	1748	152	306	36
14μ	14μ	343	66	138	15
18μ	18μ		44		8
21μ	21μ	43	35	50	5
38μ	38μ	1	16	2	1
50μ	50μ		9		1

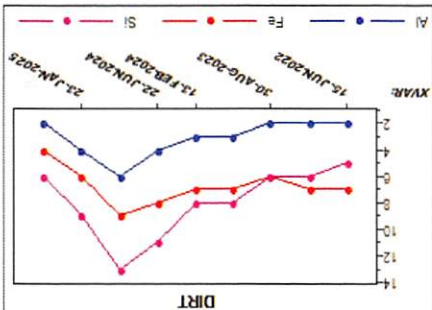
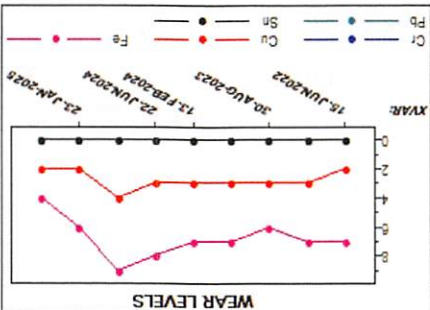
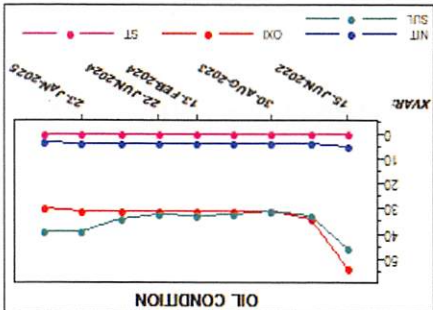
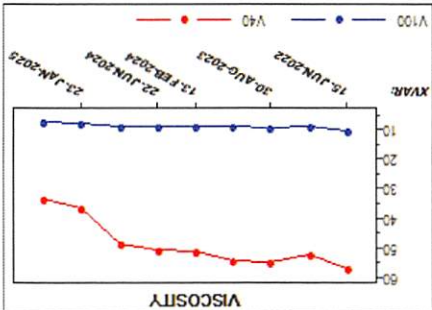
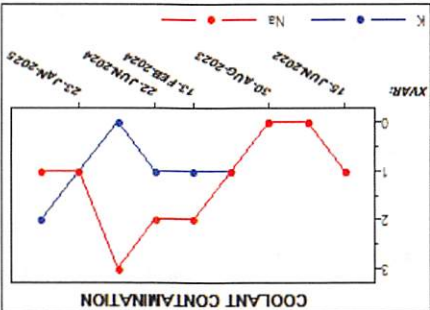
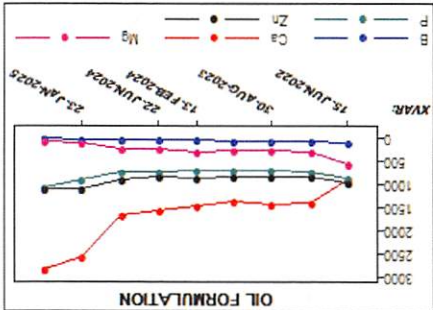
WEAR LEVELS / ADDITIVES

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	1	1	3	2
K	Potassium	2	1	0	1
Si	Silicon	6	9	13	11
Al	Aluminum	2	4	6	4
Fe	Iron	4	6	9	8
Cr	Chromium	0	0	0	0
Pb	Lead	0	0	0	0
Cu	Copper	2	2	4	3
Sn	Tin	0	0	0	0
Ni	Nickel	0	0	1	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1076	1094	895	835
Ca	Calcium	2810	2570	1661	1553
Mg	Magnesium	47	94	235	240
Ba	Barium	0	0	0	0
B	Boron	4	14	39	40
Mo	Molybdenum	3	4	13	14
P	Phosphorus	1045	906	738	713

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.

VisionLink® will be the new home for S-O-SM Services fluid analysis. Begin the transition to VisionLink now - Sign up or log into vlcat.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.

Report Comment



No Action Required



N030-55296-0496

HYDRAULIC SYSTEM
SERIAL NUMBER: EB700140
EQUIP NUM: G1619
CAT 160M

ENGINE

N030-55296-0483

LABEL#: 202049143

SAMPLE SHIP TIME (days) : 8

PRECISION

CONTRACTORS LTD

RECEIVED DATE: 23-Oct-25

EQUIP NUM: G1619

CAT 160M



No Action Required

SERIAL NUMBER: EB700140

Interp By: Aron Balines
Interpreted On: 29-Oct-25

SLIGHTLY ELEVATED LEAD CONTENT. VISCOSITY INDICATES 30W; FUEL TEST IS NEGATIVE. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	15-Oct-25	09-Apr-25	23-Jan-25	12-Dec-24
Sampled Date	15-Oct-25	09-Apr-25	23-Jan-25	12-Dec-24
Sample Id	N030-55296-0483	N030-55107-0213	N030-55035-0252	N030-54352-0680
Lab Date	23-Oct-25	17-Apr-25	04-Feb-25	17-Dec-24
Meter [Hr]	7400.0	6758.0	6481.0	6257.0
Meter On Fluid	427.0	277.0	481.0	257.0
Fluid Brand	MOBIL	MOBIL	MOBIL	MOBIL
Fluid Weight	5W-40	5W-40	5W-40	5W-40
Fluid Type	DELVAC 1 ESP (CK-4)	DELVAC 1 ESP (CK-4)	DELVAC 1 ESP (CK-4)	DELVAC 1 ESP (CK-4)
Fluid Change	Y	N	Y	N
Filter Change	Y	N	Y	N

CONDITION / CONTAMINATION

		15-Oct-25	09-Apr-25	23-Jan-25	12-Dec-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	12.10	13.30	13.80	12.90
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	68.10	78.80	76.90	77.20
VISCOSITY INDEX					
VI	Viscosity Index	177	172	186	168

WEAR LEVELS / ADDITIVES

	15-Oct-25	09-Apr-25	23-Jan-25	12-Dec-24
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	0	2	0	0
K Potassium	3	1	0	1
Si Silicon	3	2	2	1
Al Aluminum	3	3	3	2
Fe Iron	12	10	13	7
Cr Chromium	0	0	0	0
Pb Lead	3	0	0	0
Cu Copper	1	1	1	1
Sn Tin	0	0	0	0
Ni Nickel	1	0	1	0
Ag Silver	0	0	0	0
Ti Titanium	0	0	0	0
V Vanadium	0	0	0	0
Zn Zinc	1145	1258	1241	1321
Ca Calcium	1011	1096	1129	1043
Mg Magnesium	771	924	819	656
Ba Barium	0	0	0	0
B Boron	24	95	74	92
Mo Molybdenum	40	45	43	39
P Phosphorus	1085	1027	1012	1088

INFRARED (UFM)

ST	Soot	9	7	12	4
OXI	Oxidation	45	46	47	45
SUL	Sulfate By-Product	38	40	41	40
	Sulfur Products	38	40	41	40
NIT	Nitration	10	9	11	9

ANTIFREEZE

A	Antifreeze	N	N	N	N
---	------------	---	---	---	---

FUEL

F	Fuel	N	N	N	N
---	------	---	---	---	---

FUEL CONTENT (%)

PFc	Percent Fuel	4.38			
-----	--------------	------	--	--	--

WATER

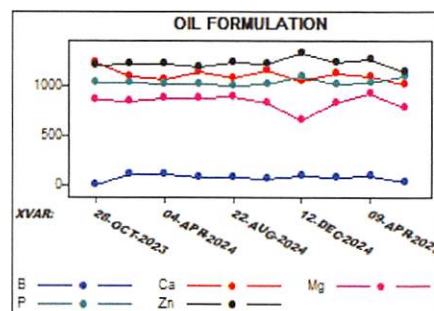
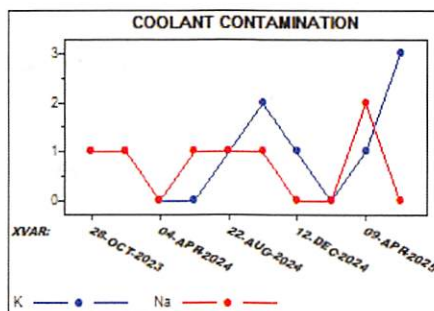
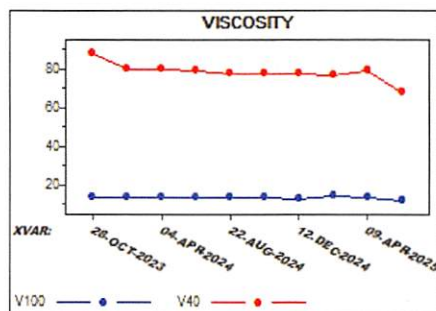
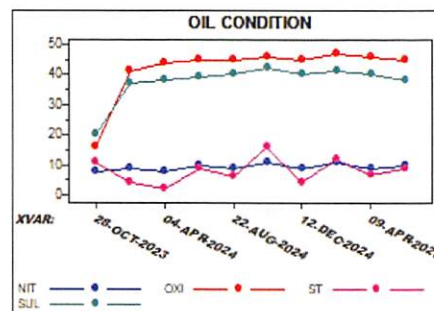
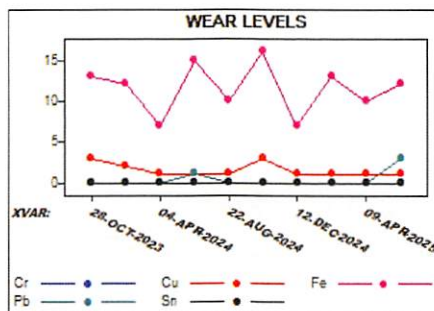
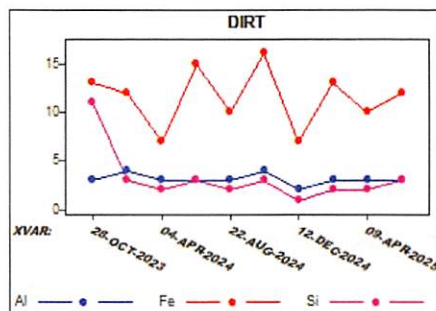
W	Water	N	N	N	N
---	-------	---	---	---	---

ENGINE
SERIAL NUMBER: EB700140
EQUIP NUM: G1619
CAT 160M

N030-55296-0483



No Action Required



Report Comment

VisionLink® will be the new home for S-O-SM 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.

TANDEM LEFT

N030-55296-0485

LABEL#: 202049656

SAMPLE SHIP TIME (days) 8

PRECISION

CONTRACTORS LTD

RECEIVED DATE: 23-Oct-25

EQUIP NUM: G1619

CAT 160M



No Action Required

SERIAL NUMBER: EB700140

Interp By: Aron Balines
Interpreted On: 29-Oct-25

UNABLE TO TEST FOR PARTICLE COUNT (ISO CODE) DUE TO VISIBLE DEBRIS IN SAMPLE. DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
Sampled Date	15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
Sample Id	N030-55296-0485	N030-55035-0449	N030-54292-0868	N030-54184-0749
Lab Date	23-Oct-25	04-Feb-25	18-Oct-24	02-Jul-24
Meter [Hr]	7400.0	6481.0	6000.0	5474.0
Meter On Fluid	1400.0	481.0	6000.0	5474.0
Fluid Brand	MOBIL	MOBIL	CAT	CAT
Fluid Weight	30	30	10W-40	10W-40
Fluid Type	MOBILTRANS HD	MOBILTRANS HD	TDTO-TMS	TDTO-TMS
Fluid Change	N	N	Y	N
Filter Change	NA	NA	NA	NA

CONDITION / CONTAMINATION

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	11.20	10.90	13.90	14.10
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	97.40	97.90	104.3	105.1
VISCOSITY INDEX					
VI	Viscosity Index	100	95	134	136

WEAR LEVELS / ADDITIVES

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	0	0	3	2
K	Potassium	1	0	0	1
Si	Silicon	13	12	5	6
Al	Aluminum	1	1	1	1
Fe	Iron	106	83	94	68
Cr	Chromium	0	0	0	0
Pb	Lead	0	0	0	0
Cu	Copper	0	0	0	0
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	1066	1096	1217	1183
Ca	Calcium	3709	3579	2945	3051
Mg	Magnesium	13	13	11	13
Ba	Barium	0	0	0	0
B	Boron	1	2	28	29
Mo	Molybdenum	2	2	0	1
P	Phosphorus	1002	893	979	1012

INFRARED (UFM)

ST	Soot	0	0	0	0
OXI	Oxidation	10	11	15	15
SUL	Sulfate By-Product	16	17	27	26
	Sulfur Products	16	17	27	26
NIT	Nitration	5	5	4	4

WATER

W	Water	N	N	N	N
---	-------	---	---	---	---

CLEANLINESS

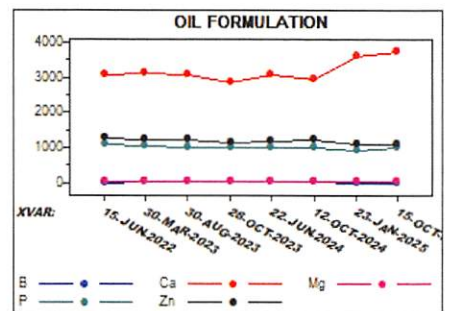
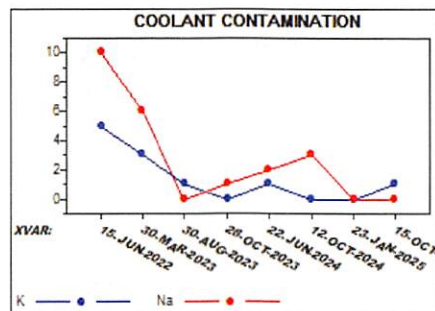
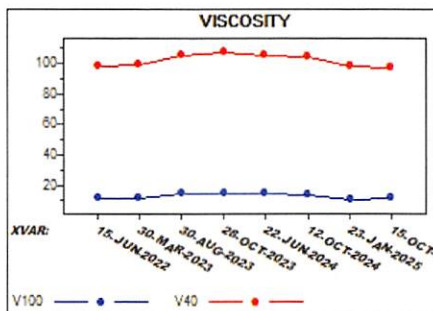
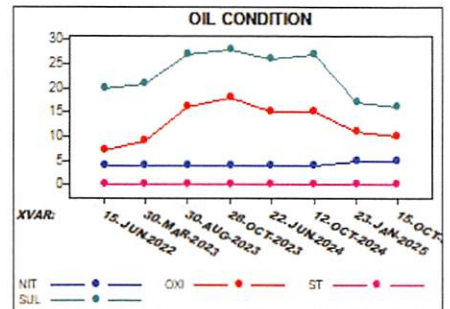
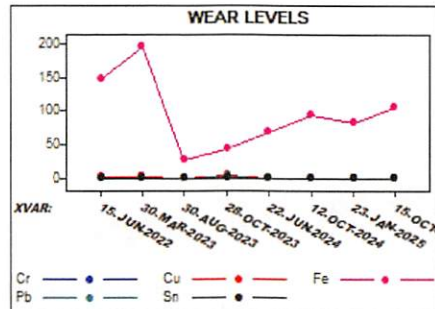
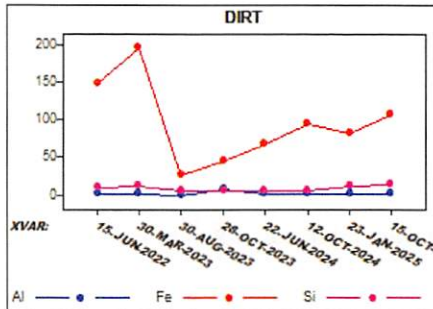
		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
PARTICLE COUNT					
ISO	ISO Code Rating	DEBRIS	23/23/20	24/23/20	24/23/21
PC Ra	PC Rating	B1			
4μ	4μ		79268	82076	85749
6μ	6μ		52659	56348	68654
10μ	10μ		19494	21491	36188
14μ	14μ		6283	6011	17688
18μ	18μ				9334
21μ	21μ		1127	598	5999
38μ	38μ		22	6	358
50μ	50μ				62

TANDEM LEFT
SERIAL NUMBER: EB700140
EQUIP NUM: G1619
CAT 160M

N030-55296-0485



No Action Required



Report Comment

VisionLink® will be the new home for S-OSSM 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.

TANDEM RIGHT

EQUIP NUM: G1619

SERIAL NUMBER: EB700140

CAT 160M

 No Action Required

Interp By: Aron Balines
Interpreted On: 29-Oct-25

N030-55296-0495

LABEL#: 202049576

SAMPLE SHIP TIME (days) : 8

PRECISION

CONTRACTORS LTD

RECEIVED DATE: 23-Oct-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

	15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
Sampled Date	15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
Sample Id	N030-55296-0495	N030-55035-0253	N030-54292-0875	N030-54184-0751
Lab Date	23-Oct-25	04-Feb-25	18-Oct-24	02-Jul-24
Meter [Hr]	7400.0	6481.0	6000.0	5474.0
Meter On Fluid	1400.0	481.0	6000.0	5474.0
Fluid Brand	MOBIL	MOBIL	CAT	CAT
Fluid Weight	30	30	10W-40	10W-40
Fluid Type	MOBILTRANS HD	MOBILTRANS HD	TDTO-TMS	TDTO-TMS
Fluid Change	N	N	Y	N
Filter Change	NA	NA	NA	NA

CONDITION / CONTAMINATION

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	11.20	11.70	14.40	13.90
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	97.60	98.80	104.4	103.7
VISCOSITY INDEX					
VI	Viscosity Index	100	107	141	135

WEAR LEVELS / ADDITIVES

	15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	0	0	3	2
K Potassium	0	0	0	0
Si Silicon	10	12	5	6
Al Aluminum	1	2	1	1
Fe Iron	108	83	107	96
Cr Chromium	0	0	0	0
Pb Lead	0	0	0	0
Cu Copper	0	0	0	0
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	1017	1131	1236	1161
Ca Calcium	3519	3612	2977	2994
Mg Magnesium	13	14	11	12
Ba Barium	0	0	0	0
B Boron	2	3	29	27
Mo Molybdenum	2	2	0	1
P Phosphorus	963	899	987	990

INFRARED (UFM)

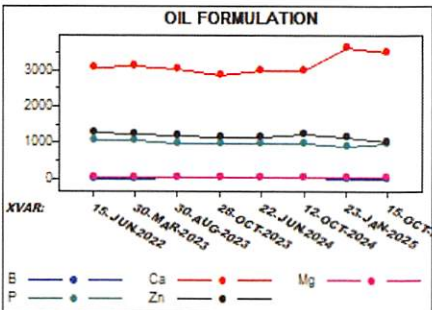
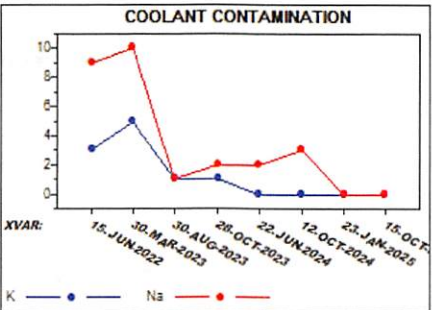
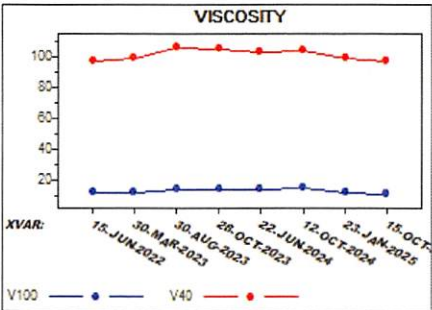
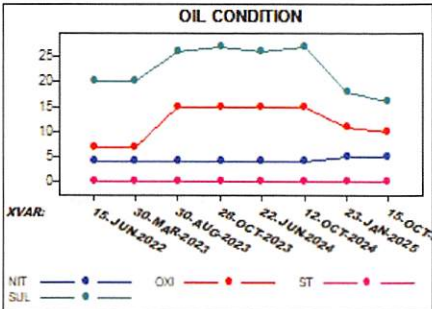
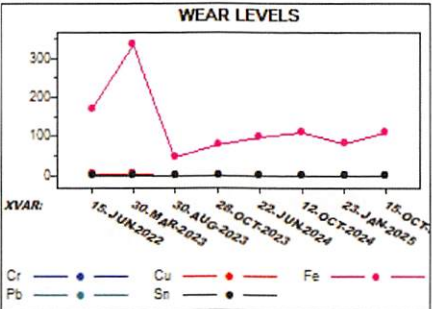
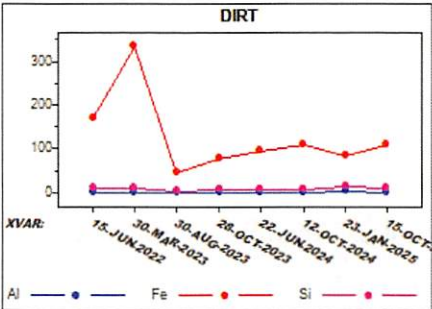
ST	Soot	0	0	0	0
OXI	Oxidation	10	11	15	15
SUL	Sulfate By-Product	16	18	27	26
	Sulfur Products	16	18	27	26
NIT	Nitration	5	5	4	4

WATER

W	Water	N	N	N	N
---	-------	---	---	---	---

CLEANLINESS

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
PARTICLE COUNT					
ISO	ISO Code Rating	24/23/20	23/23/22	24/23/20	24/23/21
4μ	4μ	83706	61752	80522	82461
6μ	6μ	57141	53740	57340	69073
10μ	10μ	21923	38515	24968	39819
14μ	14μ	6786	22415	8747	18779
18μ	18μ		9012		8648
21μ	21μ	901	3822	1340	5054
38μ	38μ	9	67	13	228
50μ	50μ		14		38



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.

**FINAL DRIVE FRONT
LEFT**

N030-55296-0484
 LABEL#: 202049406
 SAMPLE SHIP TIME (days) : 8
PRECISION
CONTRACTORS LTD
 RECEIVED DATE: 23-Oct-25

EQUIP NUM: G1619
 CAT 160M



No Action Required

SERIAL NUMBER: EB700140

Interp By: Aron Balines
 Interpreted On: 29-Oct-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

	15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
Sample Id	N030-55296-0484	N030-55035-0271	N030-54292-0878	N030-54184-0752
Lab Date	23-Oct-25	04-Feb-25	18-Oct-24	02-Jul-24
Meter [Hr]	7400.0	6481.0	6000.0	5474.0
Meter On Fluid	427.0	481.0	953.0	427.0
Fluid Brand	MOBIL	MOBIL	MOBIL	CAT
Fluid Weight	30	30	30	50
Fluid Type	MOBILTRANS HD	MOBILTRANS HD	MOBILTRANS HD	
Fluid Change	N	N	Y	N
Filter Change	NA	NA	NA	NA

CONDITION / CONTAMINATION

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	10.60	10.50	11.30	11.80
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	89.50	88.00	98.00	100.7
VISCOSITY INDEX					
VI	Viscosity Index	101	101	101	106

WEAR LEVELS / ADDITIVES

	15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	1	1	2	1
K Potassium	0	0	0	0
Si Silicon	8	13	10	10
Al Aluminum	1	2	2	1
Fe Iron	20	64	35	30
Cr Chromium	1	4	3	2
Pb Lead	0	0	0	0
Cu Copper	7	16	13	8
Sn Tin	0	0	0	0
Ni Nickel	5	14	10	9
Ag Silver	0	0	0	0
Ti Titanium	0	0	0	0
V Vanadium	0	0	0	0
Zn Zinc	1021	1152	1127	1083
Ca Calcium	3473	3366	3363	3566
Mg Magnesium	17	47	33	25
Ba Barium	0	1	1	1
B Boron	1	8	5	3
Mo Molybdenum	2	2	2	1
P Phosphorus	972	926	885	910

INFRARED (UFM)

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
ST	Soot	0	0	0	0
OXI	Oxidation	8	11	8	7
SUL	Sulfate By-Product	15	19	17	15
	Sulfur Products	15	19	17	15
NIT	Nitration	4	5	5	4

WATER

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
W	Water	N	N	N	N

CLEANLINESS

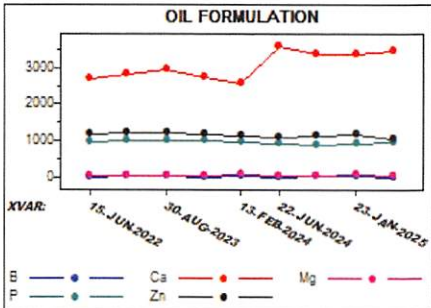
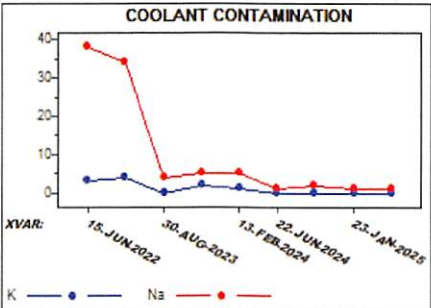
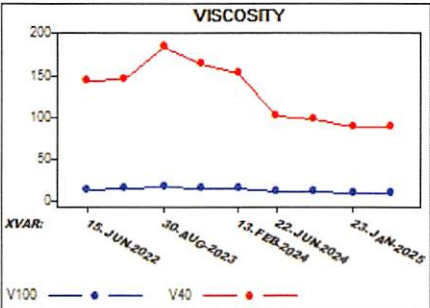
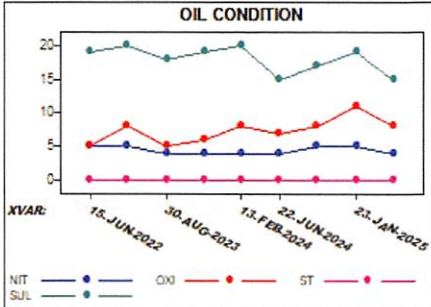
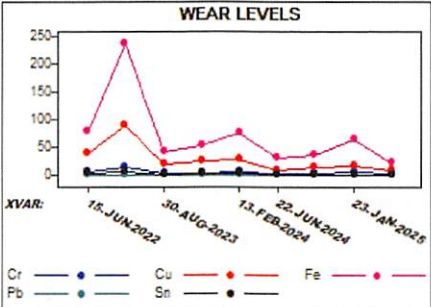
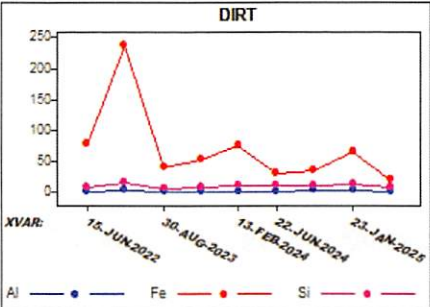
		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
PARTICLE COUNT					
ISO	ISO Code Rating	23/22/17	23/23/20	23/22/19	23/22/19
4μ	4μ	59336	62799	61709	63674
6μ	6μ	24086	47973	35915	32903
10μ	10μ	4310	22786	12349	9155
14μ	14μ	1066	7454	4825	3196
18μ	18μ		2035		1441
21μ	21μ	179	851	1404	890
38μ	38μ	4	71	48	70
50μ	50μ		39		15

FINAL DRIVE FRONT LEFT
SERIAL NUMBER: EB700140
EQUIP NUM: G1619
CAT 160M

N030-55296-0484



No Action Required



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.

FINAL DRIVE FRONT RIGHT

N030-55296-0488
LABEL#: 202049644
SAMPLE SHIP TIME (days) : 8
PRECISION
CONTRACTORS LTD
RECEIVED DATE: 23-Oct-25

EQUIP NUM: G1619
CAT 160M



No Action Required

SERIAL NUMBER: EB700140

Interp By: Aron Balines
Interpreted On: 29-Oct-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

	15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
Sample Id	N030-55296-0488	N030-55035-0269	N030-54292-0877	N030-54184-0753
Lab Date	23-Oct-25	04-Feb-25	18-Oct-24	02-Jul-24
Meter [Hr]	7400.0	6481.0	6000.0	5474.0
Meter On Fluid	427.0	481.0	953.0	427.0
Fluid Brand	MOBIL	MOBIL	MOBIL	CAT
Fluid Weight	30	30	30	50
Fluid Type	MOBILTRANS HD	MOBILTRANS HD	MOBILTRANS HD	
Fluid Change	N	N	Y	N
Filter Change	NA	NA	NA	NA

CONDITION / CONTAMINATION

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	10.40	10.80	11.30	11.60

VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	86.60	80.80	96.90	102.3

VISCOSITY INDEX					
VI	Viscosity Index	102	120	103	101

INFRARED (UFM)					
ST	Soot	0	0	0	0
OXI	Oxidation	9	14	10	8
SUL	Sulfate By-Product	16	21	18	16
	Sulfur Products	16	21	18	16
NIT	Nitration	4	5	5	4

WATER					
W	Water	N	N	N	N

CLEANLINESS

		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
PARTICLE COUNT					
ISO	ISO Code Rating	23/22/17	23/23/20	DEBRIS	23/22/16
PC Ra	PC Rating			B2	
4μ	4μ	58423	62075		67627
6μ	6μ	24556	46922		28858
10μ	10μ	4225	21758		3357
14μ	14μ	910	6932		493
18μ	18μ		1707		125
21μ	21μ	123	600		58
38μ	38μ	2	10		3
50μ	50μ		2		0

WEAR LEVELS / ADDITIVES

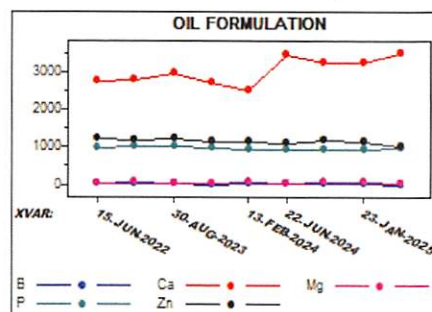
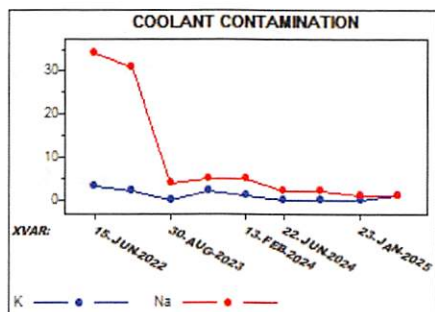
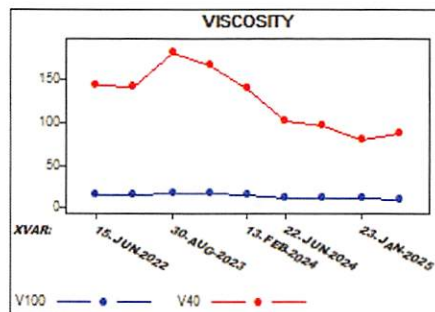
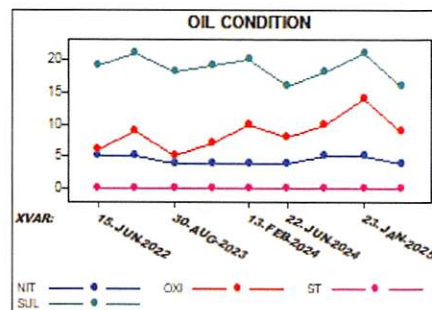
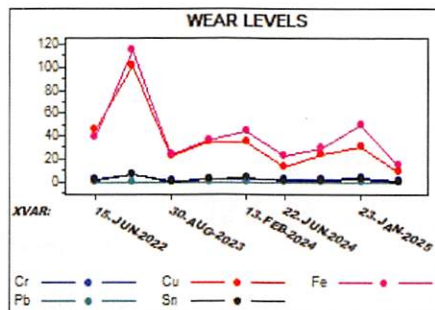
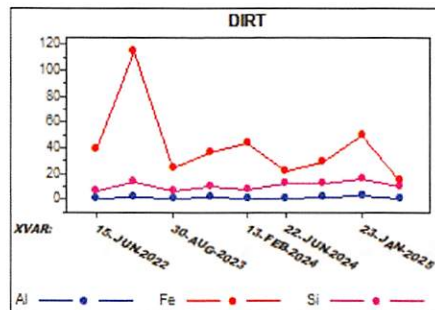
		15-Oct-25	23-Jan-25	12-Oct-24	22-Jun-24
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	1	1	2	2
K	Potassium	1	0	0	0
Si	Silicon	10	16	13	12
Al	Aluminum	1	3	2	1
Fe	Iron	15	50	29	22
Cr	Chromium	1	3	2	2
Pb	Lead	0	0	0	0
Cu	Copper	9	31	24	13
Sn	Tin	0	2	1	1
Ni	Nickel	6	15	11	8
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1013	1144	1161	1098
Ca	Calcium	3469	3227	3254	3457
Mg	Magnesium	19	63	50	36
Ba	Barium	0	1	1	1
B	Boron	1	10	8	5
Mo	Molybdenum	2	3	3	2
P	Phosphorus	968	918	912	926

FINAL DRIVE FRONT RIGHT
SERIAL NUMBER: EB700140
EQUIP NUM: G1619
CAT 160M

N030-55296-0488



No Action Required



Report Comment

VisionLink® will be the new home for S-O-SM 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.