

ENGINE

EQUIP NUM: FB639
TIGERCAT 855 - FIAT 6.7L
No Action Required

SERIAL NUMBER: 85523229

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

N03C-56082-0809
 LABEL#: 202232223
 SHOP JOB NUM : 63904
 SAMPLE SHIP TIME (days) : 18
GALENA CONTRACTORS
LTD
 RECEIVED DATE: 23-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

	05-Mar-26	18-Dec-25	05-Sep-25	01-May-25
Sampled Date	05-Mar-26	18-Dec-25	05-Sep-25	01-May-25
Sample Id	N03C-56082-0809	N030-55363-0732	N030-55259-0375	N030-55140-0165
Lab Date	23-Mar-26	29-Dec-25	16-Sep-25	20-May-25
Meter [Hr]	10263	9933	9660	9250
Comp Meter [Hr]	1248	9933	645	9250
Meter On Fluid	330	273	410	235
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	10W-30	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
Make Up Fluid [L]	16	16	15	
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

		05-Mar-26	18-Dec-25	05-Sep-25	01-May-25
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	11.40	12.50	13.00	13.00
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	78.10	93.60	96.50	95.40

WEAR LEVELS / ADDITIVES

05-Mar-26 18-Dec-25 05-Sep-25 01-May-25

ELEMENTAL ANALYSIS (ppm)

	05-Mar-26	18-Dec-25	05-Sep-25	01-May-25
Na Sodium	2	1	3	5
K Potassium	2	2	1	1
Si Silicon	10	15	43	57
Al Aluminum	1	1	2	3
Fe Iron	28	25	38	33
Cr Chromium	1	1	1	1
Pb Lead	0	1	0	0
Cu Copper	8	19	64	34
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	0
Zn Zinc	1393	1351	1413	1069
Ca Calcium	1081	1116	1392	2369
Mg Magnesium	1210	1053	1072	117
Ba Barium	0	0	1	5
B Boron	0	2	2	17
Mo Molybdenum	71	69	64	4
P Phosphorus	1109	1083	1081	858

VISCOSITY INDEX

VI	Viscosity Index	137	128	132	134
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INFRARED (UFM)

	05-Mar-26	18-Dec-25	05-Sep-25	01-May-25
ST Soot	4	3	4	0
OXI Oxidation	20	18	22	14
SUL Sulfate By-Product	22	22	23	20
NIT Nitration	9	9	11	8

ANTIFREEZE

A	Antifreeze	N	N	N	N
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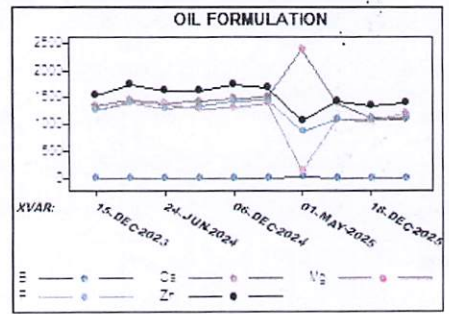
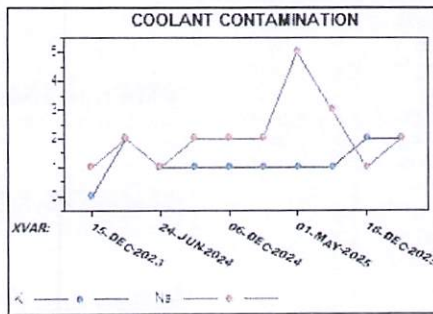
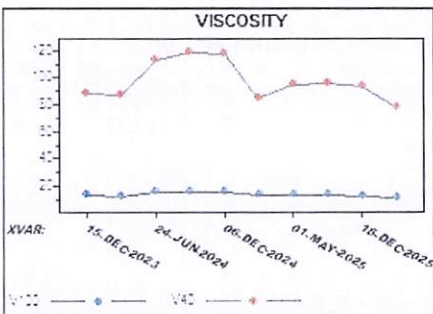
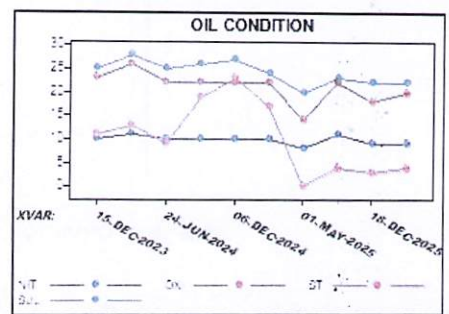
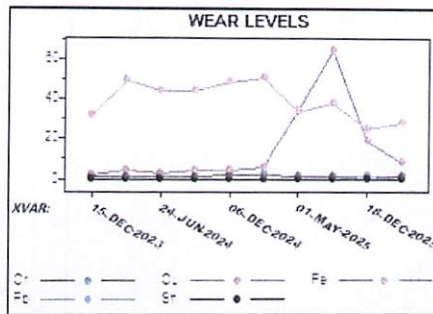
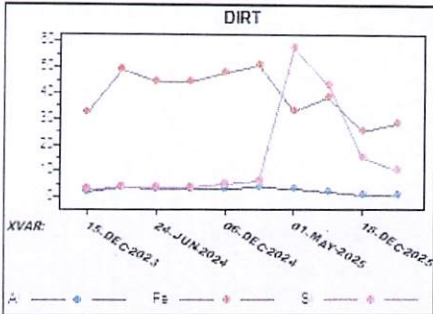
FUEL

F	Fuel	N	N	N	N
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WATER

W	Water	N	N	N	N
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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.



Report Comment

February 27, 2026, SOS Web functionality will transition to VisionLink®. Begin the transition to VisionLink now - Sign up or log in to vlcat.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.

ENGINE

EQUIP NUM: FB639
TIGERCAT 855 - FIAT 6.7L
 **No Action Required**

SERIAL NUMBER: 85523229

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

N030-55363-0732
 LABEL#: 201961070
 SHOP JOB NUM : 639-04
 SAMPLE SHIP TIME (days) : 11
GALENA CONTRÁCTORS
LTD
 RECEIVED DATE: 29-Dec-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

	18-Dec-25	05-Sep-25	01-May-25	04-Feb-25
Sampled Date	18-Dec-25	05-Sep-25	01-May-25	04-Feb-25
Sample Id	N030-55363-0732	N030-55259-0375	N030-55140-0165	N030-55042-0016
Lab Date	29-Dec-25	16-Sep-25	20-May-25	11-Feb-25
Meter [Hr]	9933	9660	9250	9015
Comp Meter [Hr]	9933	645	9250	9015
Meter On Fluid	273	410	235	255
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	10W-30	15W-40	15W-40	10W-30
Fluid Type	DURON HP	DURON HP	DURON HP	DURON HP
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	16	15		16
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		18-Dec-25	05-Sep-25	01-May-25	04-Feb-25
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	12.50	13.00	13.00	13.20
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	93.60	96.50	95.40	85.00
VISCOSITY INDEX					
VI	Viscosity Index	128	132	134	156

WEAR LEVELS / ADDITIVES

		18-Dec-25	05-Sep-25	01-May-25	04-Feb-25
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	1	3	5	2
K	Potassium	2	1	1	1
Si	Silicon	15	43	57	6
Al	Aluminum	1	2	3	4
Fe	Iron	25	38	33	51
Cr	Chromium	1	1	1	2
Pb	Lead	1	0	0	0
Cu	Copper	19	64	34	6
Sn	Tin	0	0	0	0
Ni	Nickel	1	1	0	1
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1351	1413	1069	1683
Ca	Calcium	1116	1392	2369	1510
Mg	Magnesium	1053	1072	117	1400
Ba	Barium	0	1	5	0
B	Boron	2	2	17	1
Mo	Molybdenum	69	64	4	80
P	Phosphorus	1083	1081	858	1438

INFRARED (UFM)

		18-Dec-25	05-Sep-25	01-May-25	04-Feb-25
ST	Soot	3	4	0	17
OXI	Oxidation	18	22	14	22
SUL	Sulfate By-Product	22	23	20	24
	Sulfur Products	22	23	20	24
NIT	Nitration	9	11	8	10

ANTIFREEZE

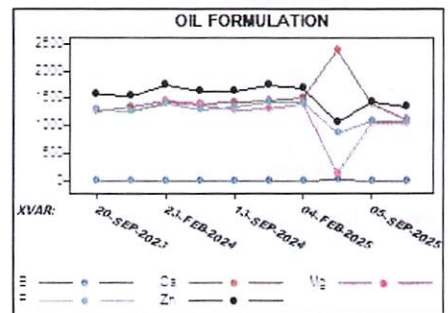
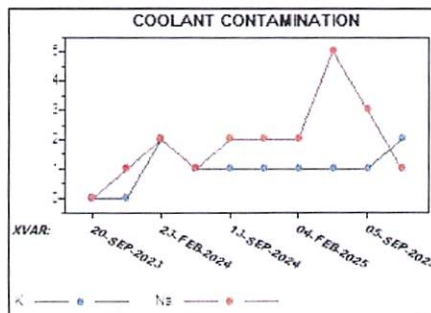
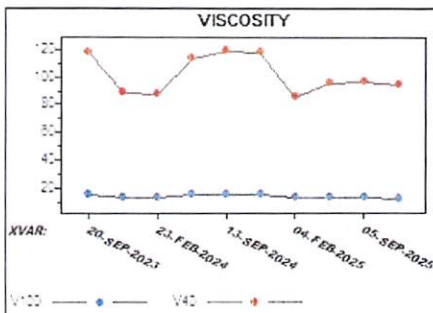
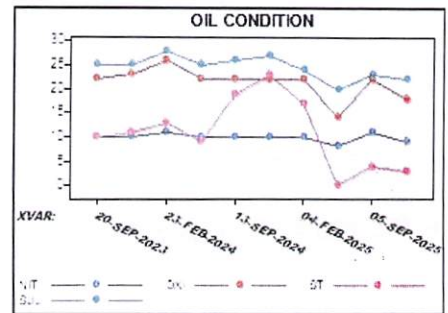
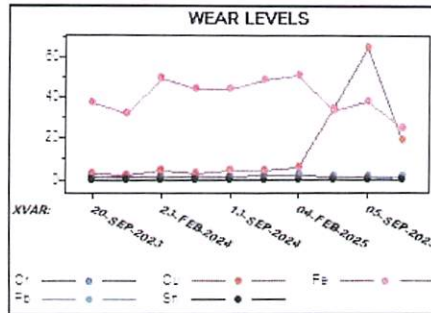
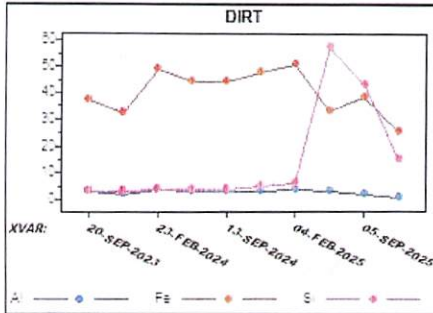
		18-Dec-25	05-Sep-25	01-May-25	04-Feb-25
A	Antifreeze	N	N	N	N

FUEL

		18-Dec-25	05-Sep-25	01-May-25	04-Feb-25
F	Fuel	N	N	N	N

WATER

		18-Dec-25	05-Sep-25	01-May-25	04-Feb-25
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: FB639

SERIAL NUMBER: 85523229

N030-55259-0375

LABEL#: 201981548

SHOP JOB NUM : 63904

SAMPLE SHIP TIME (days) : 11

GALENA CONTRACTORS LTD

RECEIVED DATE: 16-Sep-25

TIGERCAT 855 - FIAT 6.7L
Monitor Compartment



ELEVATED SILICON MAY BE ASSOCIATED WITH DIRT ENTRY. NON-ABRASIVE RESIDUALS OF ASSEMBLY OR REPAIR COMPOUNDS, SEALS, GASKETS, GREASES ETC. ELEVATED COPPER MAY BE SOURCED TO OIL COOLER LEACHING. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL. ENSURE SILICON IS NOT RELATED TO DIRT ENTRY.

Interp By: Gregory Scribner
 Interpreted On: 19-Sep-25

SAMPLE INFORMATION

	05-Sep-25	01-May-25	04-Feb-25	06-Dec-24
Sample Id	N030-55259-0375	N030-55140-0165	N030-55042-0016	N030-54348-0281
Lab Date	16-Sep-25	20-May-25	11-Feb-25	13-Dec-24
Meter [Hr]	9660	9250	9015	8760
Comp Meter [Hr]	645	9250	9015	8760
Meter On Fluid	410	235	255	274
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	15W-40	15W-40	10W-30	10W-30
Fluid Type	DURON HP	DURON HP	DURON HP	DURON HP
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	15		16	16
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		05-Sep-25	01-May-25	04-Feb-25	06-Dec-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	13.00	13.00	13.20	15.30
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	96.50	95.40	85.00	118.0
VISCOSITY INDEX					
VI	Viscosity Index	132	134	156	135

WEAR LEVELS / ADDITIVES

		05-Sep-25	01-May-25	04-Feb-25	06-Dec-24
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	3	5	2	2
K	Potassium	1	1	1	1
Si	Silicon	43	57	6	5
Al	Aluminum	2	3	4	3
Fe	Iron	38	33	51	48
Cr	Chromium	1	1	2	2
Pb	Lead	0	0	0	0
Cu	Copper	64	34	6	4
Sn	Tin	0	0	0	0
Ni	Nickel	1	0	1	1
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1413	1069	1683	1733
Ca	Calcium	1392	2369	1510	1466
Mg	Magnesium	1072	117	1400	1313
Ba	Barium	1	5	0	0
B	Boron	2	17	1	1
Mo	Molybdenum	64	4	80	83
P	Phosphorus	1081	858	1438	1428

INFRARED (UFM)

		05-Sep-25	01-May-25	04-Feb-25	06-Dec-24
ST	Soot	4	0	17	23
OXI	Oxidation	22	14	22	22
SUL	Sulfate By-Product	23	20	24	27
	Sulfur Products	23	20	24	27
NIT	Nitration	11	8	10	10

ANTIFREEZE

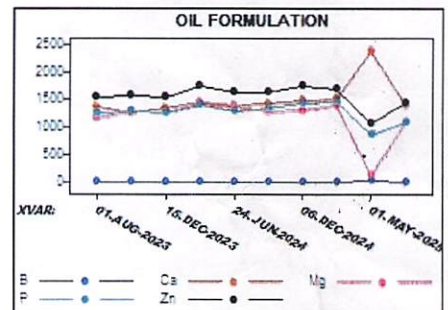
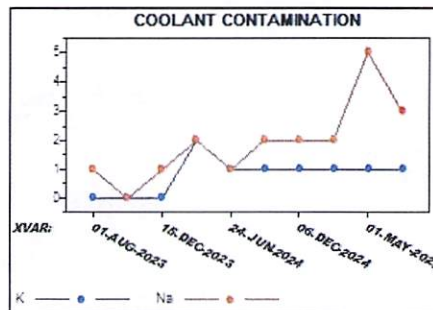
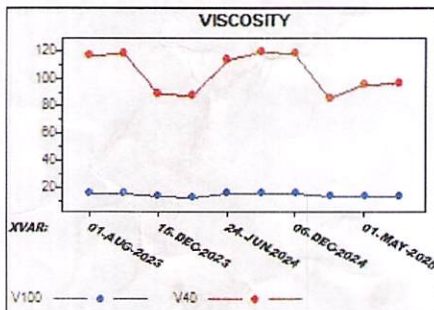
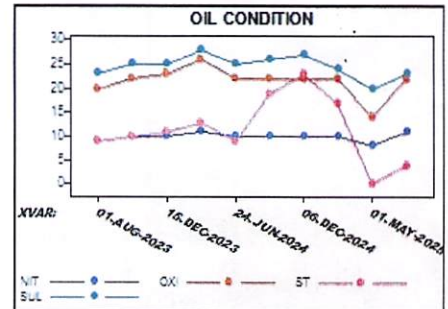
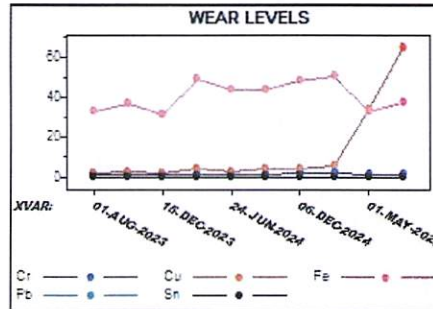
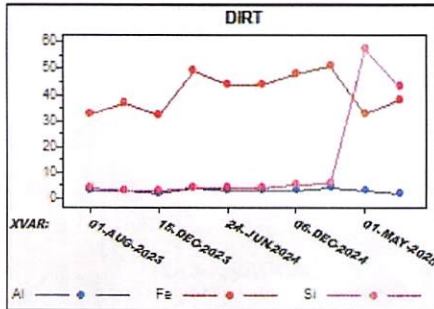
		05-Sep-25	01-May-25	04-Feb-25	06-Dec-24
A	Antifreeze	N	N	N	N

FUEL

		05-Sep-25	01-May-25	04-Feb-25	06-Dec-24
F	Fuel	N	N	N	N

WATER

		05-Sep-25	01-May-25	04-Feb-25	06-Dec-24
W	Water	N	N	N	N



Report Comment

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HYDRAULIC SYSTEM

EQUIP NUM: FB639

SERIAL NUMBER: 85523229

N030-55154-0201

SHOP JOB NUM : 639-05

SAMPLE SHIP TIME (days) : 12

GALENA CONTRACTORS

LTD

RECEIVED DATE: 03-Jun-25

TIGERCAT 855



No Action Required

Interp By: Aron Balines

Interpreted On: 06-Jun-25

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

SAMPLE INFORMATION

	22-May-25	04-Jul-24	20-Sep-23	03-Feb-23
Sampled Date	22-May-25	04-Jul-24	20-Sep-23	03-Feb-23
Sample Id	N030-55154-0201	N030-54194-0091	N030-53283-0463	N030-53044-1211
Lab Date	03-Jun-25	12-Jul-24	10-Oct-23	13-Feb-23
Meter [Hr]	9307	8283	7047	6077
Comp Meter [Hr]	9307	8283	7047	6077
Meter On Fluid	3230	2206	747	2656
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	OTHER
Fluid Weight	46-ISO	46-ISO	46-ISO	46-ISO
Fluid Type	HYDREX	HYDREX	HYDREX	HYDREX AW
Fluid Change	N	Y	N	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	4	16		
Kidney Loop	N	U	U	U

CONDITION / CONTAMINATION

		22-May-25	04-Jul-24	20-Sep-23	03-Feb-23
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	6.800	7.200	7.100	7.100
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	41.40	44.20	44.40	44.30
VISCOSITY INDEX					
VI	Viscosity Index	121	124	119	120

WEAR LEVELS / ADDITIVES

	22-May-25	04-Jul-24	20-Sep-23	03-Feb-23	
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	0	1	0	0
K	Potassium	0	0	1	0
Si	Silicon	0	1	1	1
Al	Aluminum	0	1	0	1
Fe	Iron	3	7	7	10
Cr	Chromium	1	1	1	1
Pb	Lead	1	0	0	1
Cu	Copper	3	3	3	3
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	406	427	408	405
Ca	Calcium	19	38	42	52
Mg	Magnesium	1	1	5	11
Ba	Barium	0	0	0	0
B	Boron	0	0	0	0
Mo	Molybdenum	0	0	1	1
P	Phosphorus	328	289	308	311

INFRARED (UFM)

		22-May-25	04-Jul-24	20-Sep-23	03-Feb-23
ST	Soot	0	0	0	0
OXI	Oxidation	3	3	3	4
SUL	Sulfate By-Product	12	11	12	12
	Sulfur Products	12	11	12	12
NIT	Nitration	2	2	2	2

ANTIFREEZE

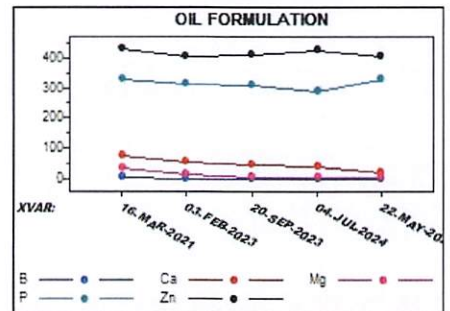
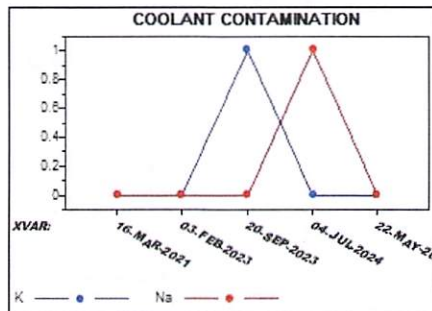
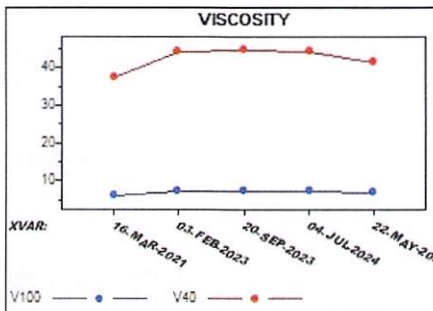
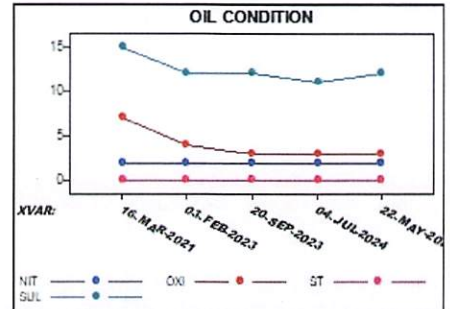
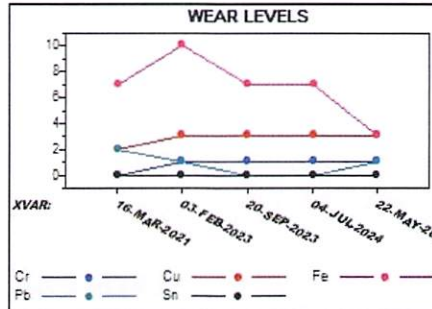
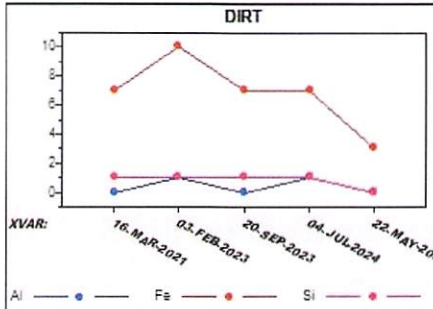
		22-May-25	04-Jul-24	20-Sep-23	03-Feb-23
A	Antifreeze	N	N	N	N

WATER

		22-May-25	04-Jul-24	20-Sep-23	03-Feb-23
W	Water	N	N	N	N

CLEANLINESS

		22-May-25	04-Jul-24	20-Sep-23	03-Feb-23
PARTICLE COUNT					
ISO	ISO Code Rating	21/19/15	23/22/20	20/18/14	22/18/13
4µ	4µ	16818	60314	5116	24356
6µ	6µ	3018	32222	1473	2248
10µ	10µ	705	12112	398	195
14µ	14µ	296	5290	146	73
18µ	18µ	147		64	39
21µ	21µ	89	1583	38	27
38µ	38µ	9	93	3	6
50µ	50µ	3		1	3



Report Comment

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ENGINE

N030-55140-0165

LABEL#: 201832576

SHOP JOB NUM : 639-04

SAMPLE SHIP TIME (days) : 19

GALENA CONTRACTORS LTD

RECEIVED DATE: 20-May-25

EQUIP NUM: FB639

TIGERCAT 855 - FIAT 6.7L



Monitor Compartment

SERIAL NUMBER: 85523229

Interp By: Greg Eyre

Interpreted On: 23-May-25

INCREASED SILICON CONTENT. SILICON IS ASSOCIATED WITH DIRT ENTRY, NON-ABRASIVE RESIDUALS OF REPAIR COMPOUNDS, SEALS, GASKETS, GREASES, ETC. COPPER MAY BE SOURCED TO OIL COOLER LEACHING. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL. ENSURE SILICON IS NOT RELATED TO DIRT ENTRY.

SAMPLE INFORMATION

	01-May-25	04-Feb-25	06-Dec-24	13-Sep-24
Sampled Date	01-May-25	04-Feb-25	06-Dec-24	13-Sep-24
Sample Id	N030-55140-0165	N030-55042-0016	N030-54348-0281	N030-54267-0105
Lab Date	20-May-25	11-Feb-25	13-Dec-24	23-Sep-24
Meter [Hr]	9250	9015	8760	8486
Comp Meter [Hr]	9250	9015	8760	8486
Meter On Fluid	235	255	274	267
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	15W-40	10W-30	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
Make Up Fluid [L]		16	16	16
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		01-May-25	04-Feb-25	06-Dec-24	13-Sep-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	13.00	13.20	15.30	15.60

		01-May-25	04-Feb-25	06-Dec-24	13-Sep-24
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	95.40	85.00	118.0	118.2

		01-May-25	04-Feb-25	06-Dec-24	13-Sep-24
VISCOSITY INDEX					
VI	Viscosity Index	134	156	135	139

		01-May-25	04-Feb-25	06-Dec-24	13-Sep-24
INFRARED (UFM)					
ST	Soot	0	17	23	19
OXI	Oxidation	14	22	22	22
SUL	Sulfate By-Product	20	24	27	26
	Sulfur Products	20	24	27	26
NIT	Nitration	8	10	10	10

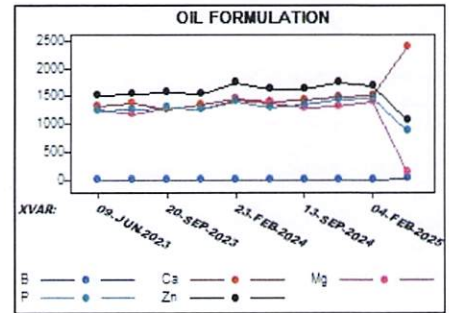
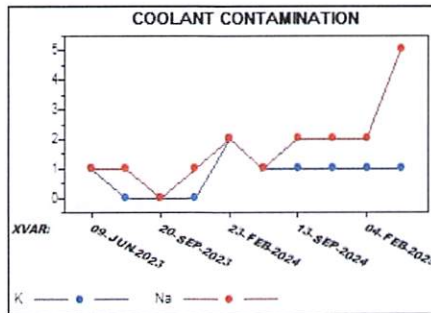
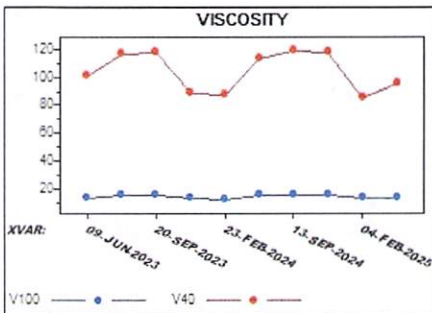
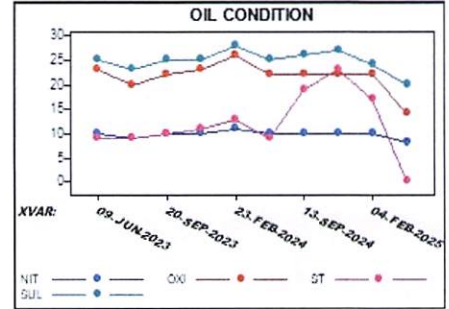
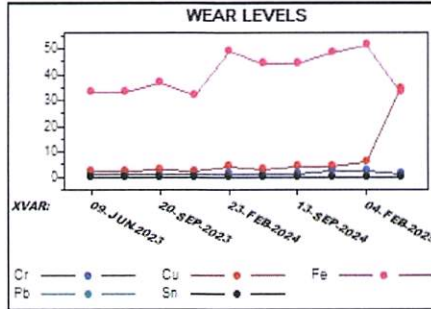
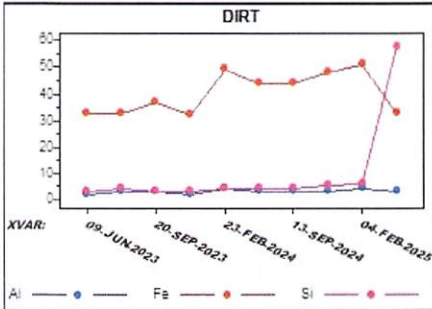
		01-May-25	04-Feb-25	06-Dec-24	13-Sep-24
ANTIFREEZE					
A	Antifreeze	N	N	N	N

		01-May-25	04-Feb-25	06-Dec-24	13-Sep-24
FUEL					
F	Fuel	N	N	N	N

		01-May-25	04-Feb-25	06-Dec-24	13-Sep-24
WATER					
W	Water	N	N	N	N

WEAR LEVELS / ADDITIVES

		01-May-25	04-Feb-25	06-Dec-24	13-Sep-24
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	5	2	2	2
K	Potassium	1	1	1	1
Si	Silicon	57	6	5	4
Al	Aluminum	3	4	3	3
Fe	Iron	33	51	48	44
Cr	Chromium	1	2	2	1
Pb	Lead	0	0	0	0
Cu	Copper	34	6	4	4
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	1069	1683	1733	1608
Ca	Calcium	2369	1510	1466	1429
Mg	Magnesium	117	1400	1313	1287
Ba	Barium	5	0	0	0
B	Boron	17	1	1	1
Mo	Molybdenum	4	80	83	74
P	Phosphorus	858	1438	1428	1333



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: FB639

SERIAL NUMBER: 85523229

N030-55042-0016

TIGERCAT 855 - FIAT 6.7L

No Action Required

**Interp By: Gregory Scribner
Interpreted On: 12-Feb-25**

LABEL#: 201748528

SHOP JOB NUM : 639-04

SAMPLE SHIP TIME (days) : 7

GALENA CONTRACTORS LTD

RECEIVED DATE: 11-Feb-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

	04-Feb-25	06-Dec-24	13-Sep-24	24-Jun-24
Sampled Date	04-Feb-25	06-Dec-24	13-Sep-24	24-Jun-24
Sample Id	N030-55042-0016	N030-54348-0281	N030-54267-0105	N030-54190-0121
Lab Date	11-Feb-25	13-Dec-24	23-Sep-24	08-Jul-24
Meter [Hr]	9015	8760	8486	8219
Comp Meter [Hr]	9015	8760	8486	8219
Meter On Fluid	255	274	267	371
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	10W-30	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
Make Up Fluid [L]	16	16	16	16
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		04-Feb-25	06-Dec-24	13-Sep-24	24-Jun-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	13.20	15.30	15.60	15.30

V40	Viscosity at 40 C	85.00	118.0	118.2	113.5
-----	-------------------	-------	-------	-------	-------

VI	Viscosity Index	156	135	139	141
----	-----------------	-----	-----	-----	-----

		04-Feb-25	06-Dec-24	13-Sep-24	24-Jun-24
INFRARED (UFM)					
ST	Soot	17	23	19	9
OXI	Oxidation	22	22	22	22
SUL	Sulfate By-Product	24	27	26	25
	Sulfur Products	24	27	26	25
NIT	Nitration	10	10	10	10

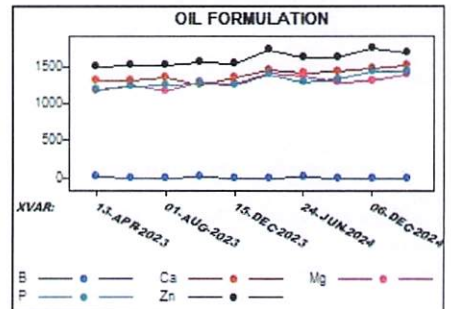
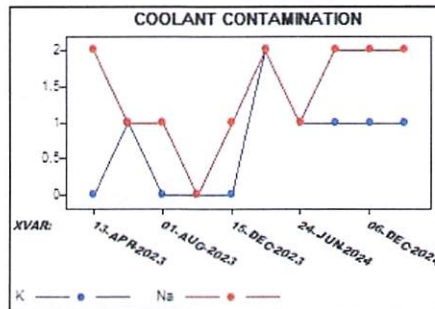
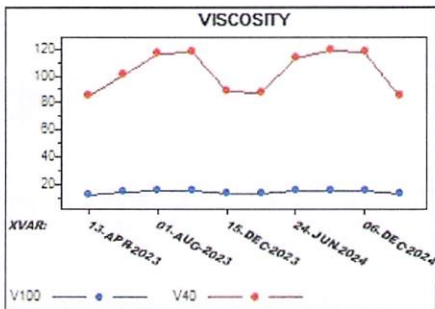
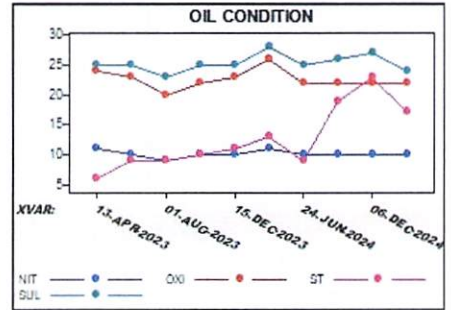
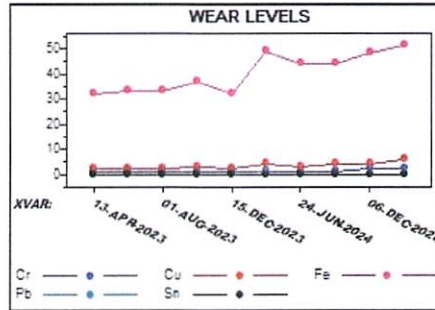
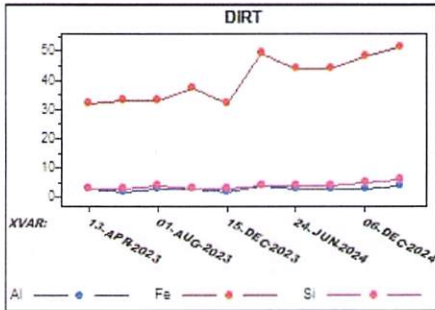
A	Antifreeze	N	N	N	N
---	------------	---	---	---	---

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

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

WEAR LEVELS / ADDITIVES

		04-Feb-25	06-Dec-24	13-Sep-24	24-Jun-24
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	2	2	2	1
K	Potassium	1	1	1	1
Si	Silicon	6	5	4	4
Al	Aluminum	4	3	3	3
Fe	Iron	51	48	44	44
Cr	Chromium	2	2	1	1
Pb	Lead	0	0	0	0
Cu	Copper	6	4	4	3
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	1683	1733	1608	1622
Ca	Calcium	1510	1466	1429	1402
Mg	Magnesium	1400	1313	1287	1366
Ba	Barium	0	0	0	0
B	Boron	1	1	1	2
Mo	Molybdenum	80	83	74	81
P	Phosphorus	1438	1428	1333	1289



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: FB639

SERIAL NUMBER: 85523229

N030-54348-0281

LABEL#: 201742374

SAMPLE SHIP TIME (days) : 7

GALENA CONTRACTORS

LTD

RECEIVED DATE: 13-Dec-24

TIGERCAT 855 - FIAT 6.7L

No Action Required

Interp By: Peter Lewandowski

Interpreted On: 17-Dec-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

	06-Dec-24	13-Sep-24	24-Jun-24	23-Feb-24
Sampled Date	06-Dec-24	13-Sep-24	24-Jun-24	23-Feb-24
Sample Id	N030-54348-0281	N030-54267-0105	N030-54190-0121	N030-54060-0276
Lab Date	13-Dec-24	23-Sep-24	08-Jul-24	29-Feb-24
Meter [Hr]	8760	8486	8219	7848
Comp Meter [Hr]	8760	8486	8219	7848
Meter On Fluid	274	267	371	312
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	10W-30	15W-40	15W-40	10W-30
Fluid Type	DURON HP	DURON HP	DURON HP	DURON HP
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	16	16	16	16
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		06-Dec-24	13-Sep-24	24-Jun-24	23-Feb-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	15.30	15.60	15.30	12.60
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	118.0	118.2	113.5	87.40
VISCOSITY INDEX					
VI	Viscosity Index	135	139	141	141

WEAR LEVELS / ADDITIVES

	06-Dec-24	13-Sep-24	24-Jun-24	23-Feb-24
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	2	2	1	2
K Potassium	1	1	1	2
Si Silicon	5	4	4	4
Al Aluminum	3	3	3	4
Fe Iron	48	44	44	49
Cr Chromium	2	1	1	1
Pb Lead	0	0	0	0
Cu Copper	4	4	3	4
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	1733	1608	1622	1723
Ca Calcium	1466	1429	1402	1458
Mg Magnesium	1313	1287	1366	1417
Ba Barium	0	0	0	0
B Boron	1	1	2	1
Mo Molybdenum	83	74	81	84
P Phosphorus	1428	1333	1289	1390

INFRARED (JFM)

		06-Dec-24	13-Sep-24	24-Jun-24	23-Feb-24
ST	Soot	23	19	9	13
OXI	Oxidation	22	22	22	26
SUL	Sulfur Products	27	26	25	28
NIT	Nitration	10	10	10	11

ANTIFREEZE

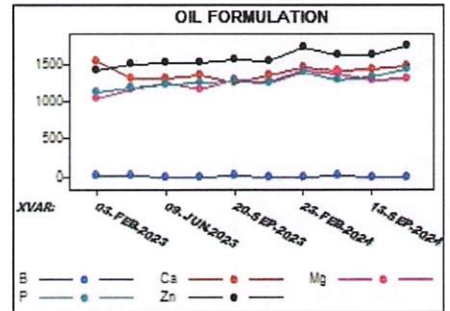
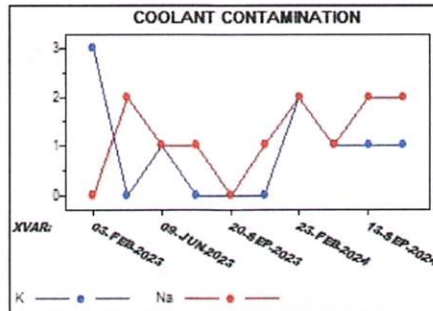
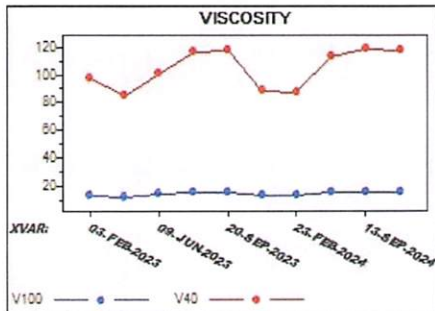
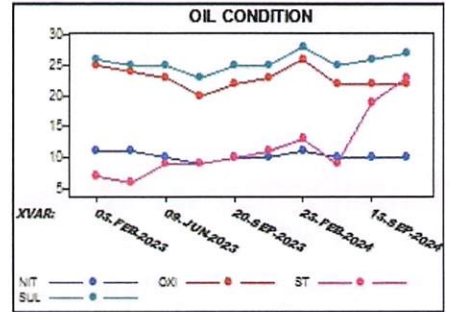
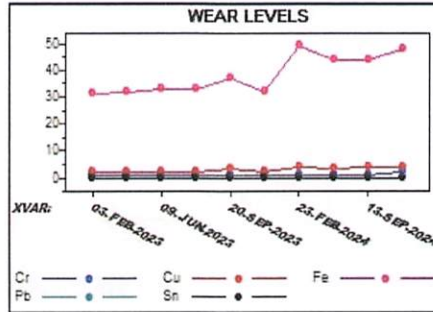
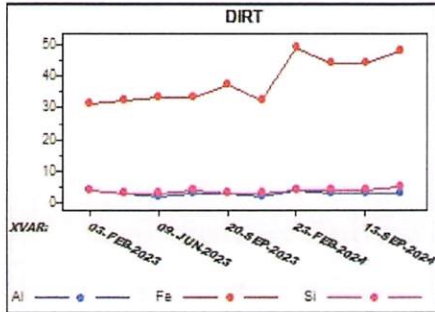
		06-Dec-24	13-Sep-24	24-Jun-24	23-Feb-24
A	Antifreeze	N	N	N	N

FUEL

		06-Dec-24	13-Sep-24	24-Jun-24	23-Feb-24
F	Fuel	N	N	N	N

WATER

		06-Dec-24	13-Sep-24	24-Jun-24	23-Feb-24
W	Water	N	N	N	N



Report Comment

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ENGINE

N030-54267-0105

LABEL#: 201747973

SHOP JOB NUM : 63904

SAMPLE SHIP TIME (days) : 10

GALENA CONTRACTORS

LTD

RECEIVED DATE: 23-Sep-24

EQUIP NUM: FB639

TIGERCAT 855 - FIAT 6.7L

No Action Required

SERIAL NUMBER: 85523229

Interp By: Gregory Scribner

Interpreted On: 25-Sep-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

	13-Sep-24	24-Jun-24	23-Feb-24	15-Dec-23
Sampled Date	13-Sep-24	24-Jun-24	23-Feb-24	15-Dec-23
Sample Id	N030-54267-0105	N030-54190-0121	N030-54060-0276	N030-53362-1344
Lab Date	23-Sep-24	08-Jul-24	29-Feb-24	28-Dec-23
Meter [Hr]	8486	8219	7848	7541
Comp Meter [Hr]	8486	8219	7848	7541
Meter On Fluid	267	371	312	224
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	15W-40	15W-40	10W-30	10W-30
Fluid Type	DURON HP	DURON HP	DURON HP	DURON HP
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	16	16	16	16
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		13-Sep-24	24-Jun-24	23-Feb-24	15-Dec-23
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	15.60	15.30	12.60	12.70

		13-Sep-24	24-Jun-24	23-Feb-24	15-Dec-23
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	118.2	113.5	87.40	88.40

		13-Sep-24	24-Jun-24	23-Feb-24	15-Dec-23
VISCOSITY INDEX					
VI	Viscosity Index	139	141	141	141

		13-Sep-24	24-Jun-24	23-Feb-24	15-Dec-23
INFRARED (UFM)					
ST	Soot	19	9	13	11
OXI	Oxidation	22	22	26	23
SUL	Sulfur Products	26	25	28	25
NIT	Nitration	10	10	11	10

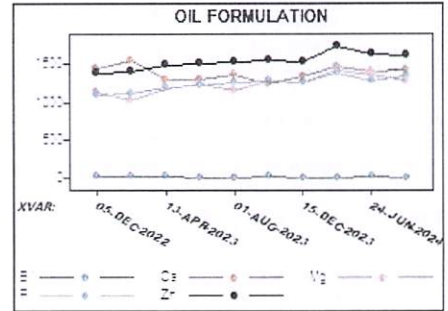
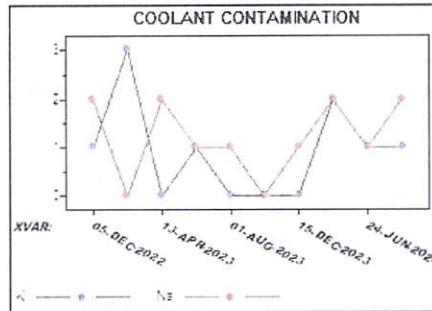
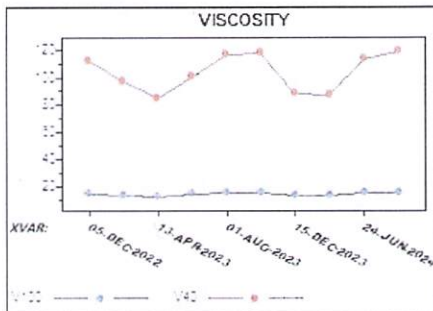
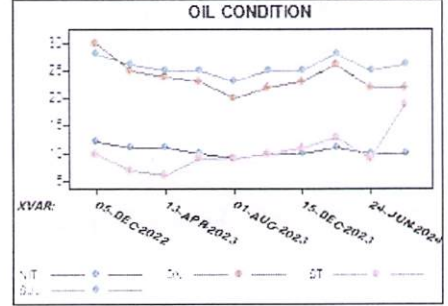
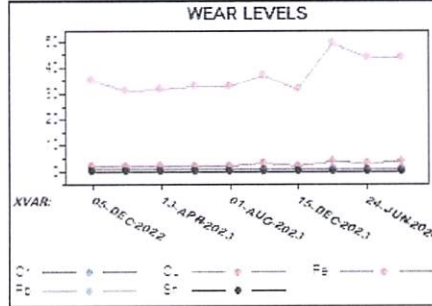
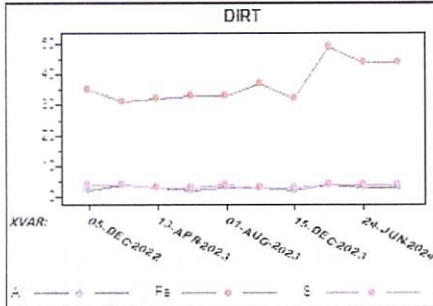
		13-Sep-24	24-Jun-24	23-Feb-24	15-Dec-23
ANTIFREEZE					
A	Antifreeze	N	N	N	N

		13-Sep-24	24-Jun-24	23-Feb-24	15-Dec-23
FUEL					
F	Fuel	N	N	N	N

		13-Sep-24	24-Jun-24	23-Feb-24	15-Dec-23
WATER					
W	Water	N	N	N	N

WEAR LEVELS / ADDITIVES

		13-Sep-24	24-Jun-24	23-Feb-24	15-Dec-23
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	2	1	2	1
K	Potassium	1	1	2	0
Si	Silicon	4	4	4	3
Al	Aluminum	3	3	4	2
Fe	Iron	44	44	49	32
Cr	Chromium	1	1	1	1
Pb	Lead	0	0	0	0
Cu	Copper	4	3	4	2
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	0
Zn	Zinc	1608	1622	1723	1537
Ca	Calcium	1429	1402	1458	1349
Mg	Magnesium	1287	1366	1417	1259
Ba	Barium	0	0	0	0
B	Boron	1	2	1	1
Mo	Molybdenum	74	81	84	81
P	Phosphorus	1333	1289	1390	1255



Report Comment

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HYDRAULIC SYSTEM

EQUIP NUM: FB639

SERIAL NUMBER: 85523229

N030-54194-0091

LABEL#: 201618235

SAMPLE SHIP TIME (days) : 8

GALENA CONTRACTORS

LTD

RECEIVED DATE: 12-Jul-24

TIGERCAT 855



Monitor Compartment

Interp By: John Paul Ryan

Interpreted On: 16-Jul-24

FINE METAL WEAR RATE ANALYSIS BY ICP OF PARTICLES LESS THAN 10 MICRONS APPEARS ACCEPTABLE. PARTICLE COUNT INDICATES HIGH PARTICULATE CONTAMINATION INCREASE FROM PREVIOUS SAMPLE. ACTION ITEM(S): RESAMPLE ASAP TO VERIFY THESE RESULTS PRIOR TO ANY ADDITIONAL CORRECTIVE ACTION.

SAMPLE INFORMATION

	04-Jul-24	20-Sep-23	03-Feb-23	16-Mar-21
Sampled Date	04-Jul-24	20-Sep-23	03-Feb-23	16-Mar-21
Sample Id	N030-54194-0091	N030-53283-0463	N030-53044-1211	N030-51109-0142
Lab Date	12-Jul-24	10-Oct-23	13-Feb-23	19-Apr-21
Meter [Hr]	8283	7047	6077	3268
Comp Meter [Hr]	8283	7047	6077	3268
Meter On Fluid	2206	747	2656	3268
Fluid Brand	PETRO-CAN	PETRO-CAN	OTHER	
Fluid Weight	46-ISO	46-ISO	46-ISO	46-ISO
Fluid Type	HYDREX	HYDREX	HYDREX AW	AW
Fluid Change	Y	N	Y	N
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	16			
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		04-Jul-24	20-Sep-23	03-Feb-23	16-Mar-21
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	7.200	7.100	7.100	6.2
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	44.20	44.40	44.30	37.4
VISCOSITY INDEX					
VI	Viscosity Index	124	119	120	113

WEAR LEVELS / ADDITIVES

	04-Jul-24	20-Sep-23	03-Feb-23	16-Mar-21	
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	1	0	0	0
K	Potassium	0	1	0	0
Si	Silicon	1	1	1	1
Al	Aluminum	1	0	1	0
Fe	Iron	7	7	10	7
Cr	Chromium	1	1	1	0
Pb	Lead	0	0	1	2
Cu	Copper	3	3	3	2
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	427	408	405	428
Ca	Calcium	38	42	52	72
Mg	Magnesium	1	5	11	31
Ba	Barium	0	0	0	0
B	Boron	0	0	0	1
Mo	Molybdenum	0	1	1	2
P	Phosphorus	289	308	311	329

INFRARED (UFM)

		04-Jul-24	20-Sep-23	03-Feb-23	16-Mar-21
ST	Soot	0	0	0	0
OXI	Oxidation	3	3	4	7
SUL	Sulfur Products	11	12	12	15
NIT	Nitration	2	2	2	2

ANTIFREEZE

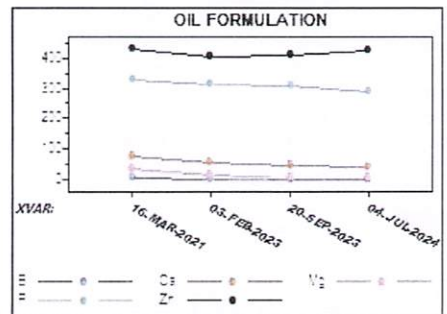
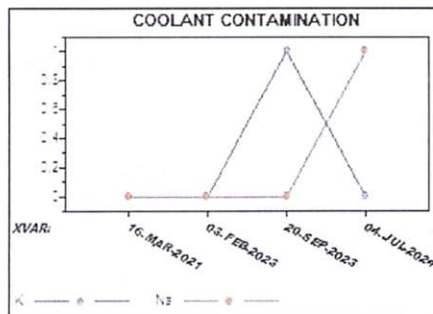
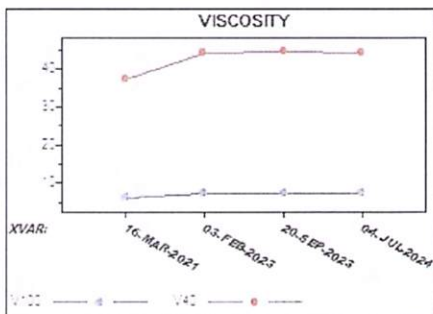
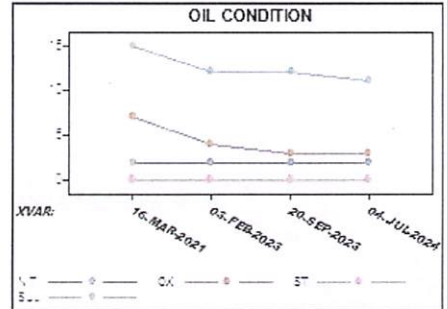
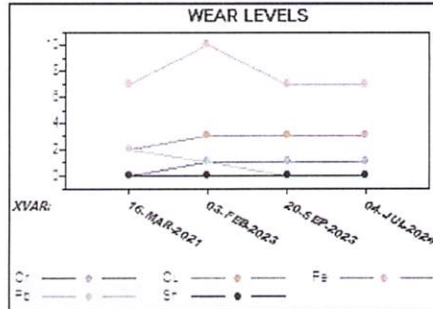
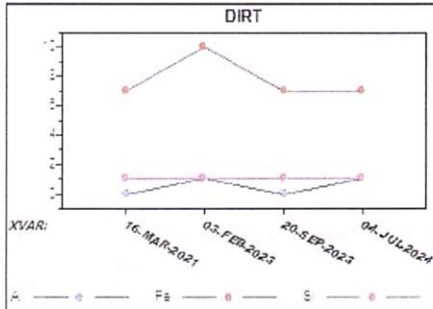
		04-Jul-24	20-Sep-23	03-Feb-23	16-Mar-21
A	Antifreeze	N	N	N	N

WATER

		04-Jul-24	20-Sep-23	03-Feb-23	16-Mar-21
W	Water	N	N	N	N

CLEANLINESS

		04-Jul-24	20-Sep-23	03-Feb-23	16-Mar-21
PARTICLE COUNT					
ISO	ISO Code Rating	23/22/20	20/18/14	22/18/13	21/17/13
4µ	4µ	60314	5116	24356	13028
6µ	6µ	32222	1473	2248	831
10µ	10µ	12112	398	195	97
14µ	14µ	5290	146	73	42
18µ	18µ		64	39	26
21µ	21µ	1583	38	27	21
38µ	38µ	93	3	6	9
50µ	50µ		1	3	6



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.

ENGINE

N030-54190-0121

LABEL#: 201618397

SHOP JOB NUM : 63904

SAMPLE SHIP TIME (days) : 14

GALENA CONTRACTORS

LTD

RECEIVED DATE: 08-Jul-24

EQUIP NUM: FB639

TIGERCAT 855 - FIAT 6.7L

No Action Required

SERIAL NUMBER: 85523229

Interp By: Larry Byington

Interpreted On: 10-Jul-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

	24-Jun-24	23-Feb-24	15-Dec-23	20-Sep-23
Sampled Date	24-Jun-24	23-Feb-24	15-Dec-23	20-Sep-23
Sample Id	N030-54190-0121	N030-54060-0276	N030-53362-1344	N030-53283-0459
Lab Date	08-Jul-24	29-Feb-24	28-Dec-23	10-Oct-23
Meter [Hr]	8219	7848	7541	7047
Comp Meter [Hr]	8219	7848	7541	7047
Meter On Fluid	371	312	224	207
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	15W-40	10W-30	10W-30	15W-40
Fluid Type	DURON HP	DURON HP	DURON HP	DURON HP
Fluid Change	Y	Y	Y	Y
ter Change	Y	Y	Y	Y
Make Up Fluid [L]	16	16	16	
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		24-Jun-24	23-Feb-24	15-Dec-23	20-Sep-23
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	15.30	12.60	12.70	15.50
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	113.5	87.40	88.40	117.2
VISCOSITY INDEX					
VI	Viscosity Index	141	141	141	139

WEAR LEVELS / ADDITIVES

		24-Jun-24	23-Feb-24	15-Dec-23	20-Sep-23
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	1	2	1	0
K	Potassium	1	2	0	0
Si	Silicon	4	4	3	3
Al	Aluminum	3	4	2	3
Fe	Iron	44	49	32	37
Cr	Chromium	1	1	1	1
Pb	Lead	0	0	0	0
Cu	Copper	3	4	2	3
Sn	Tin	0	0	0	0
Ni	Nicel	1	1	0	2
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1622	1723	1537	1551
Ca	Calcium	1402	1458	1349	1250
Mg	Magnesium	1366	1417	1259	1284
Ba	Barium	0	0	0	0
B	Boron	2	1	1	2
Mo	Molybdenum	81	84	81	82
P	Phosphorus	1289	1390	1255	1271

INFRARED (UFM)

		24-Jun-24	23-Feb-24	15-Dec-23	20-Sep-23
ST	Soot	9	13	11	10
OXI	Oxidation	22	26	23	22
SUL	Sulfur Products	25	28	25	25
NIT	Nitration	10	11	10	10

ANTIFREEZE

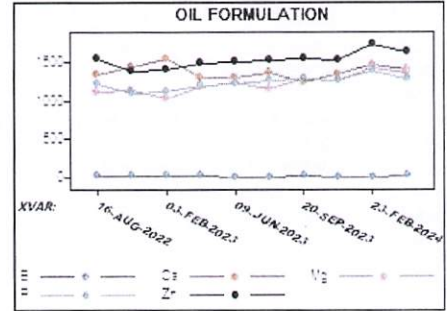
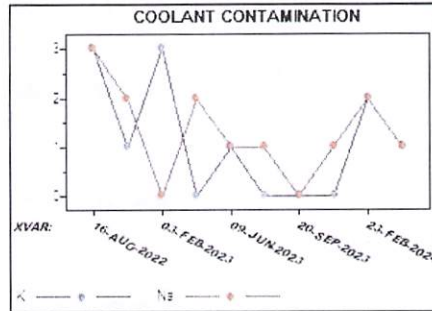
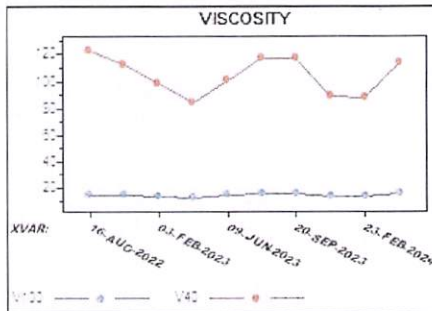
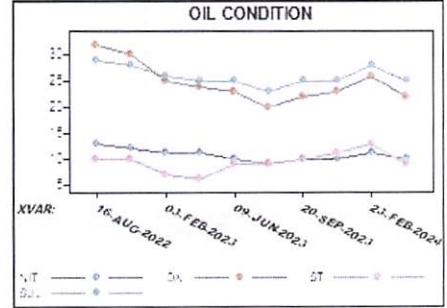
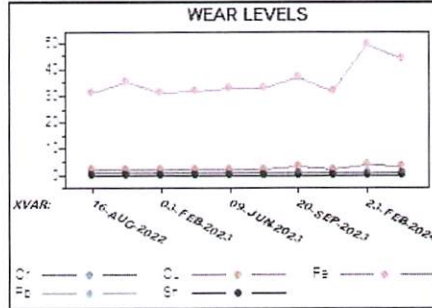
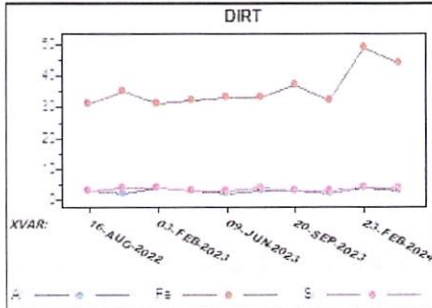
		24-Jun-24	23-Feb-24	15-Dec-23	20-Sep-23
A	Antifreeze	N	N	N	N

FUEL

		24-Jun-24	23-Feb-24	15-Dec-23	20-Sep-23
F	Fuel	N	N	N	N

WATER

		24-Jun-24	23-Feb-24	15-Dec-23	20-Sep-23
W	Water	N	N	N	N



Report Comment

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ENGINE

EQUIP NUM: 639-04

SERIAL NUMBER: GALENA63904

N030-54142-0354

LABEL#: 201493903

SAMPLE SHIP TIME (days) : 13

GALENA CONTRACTORS

LTD

RECEIVED DATE: 21-May-24

UNKNOWN ZZZ_UNKNOWN

No Action Required

Interp By: Gregory Scribner

Interpreted On: 22-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

	08-May-24	07-Nov-23
Sampled Date	08-May-24	07-Nov-23
Sample Id	N030-54142-0354	N030-53326-0276
Lab Date	21-May-24	22-Nov-23
Meter [Hr]	14812	7317
Comp Meter [Hr]	14812	7317
Meter On Fluid	271	270
Fluid Brand	PETRO-CAN	PETRO-CAN
Fluid Weight	15W-40	15W-40
Fluid Type		
Fluid Change	Y	Y
Filter Change	Y	Y
Make Up Fluid [L]	16	
Kidney Loop	U	U

CONDITION / CONTAMINATION

		08-May-24	07-Nov-23
VISCOSITY (Centistokes)			
V100	Viscosity at 100 C	14.10	15.40

V40	Viscosity at 40 C	102.6	116.5
-----	-------------------	-------	-------

VI	Viscosity Index	140	139
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INFRARED (UFM)			
ST	Soot	8	13
OXI	Oxidation	26	25
SUL	Sulfur Products	25	27
NIT	Nitration	12	11

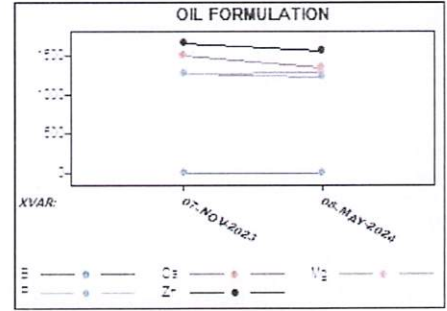
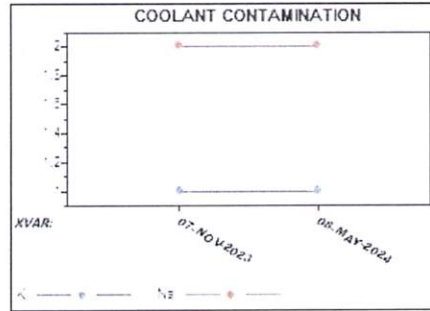
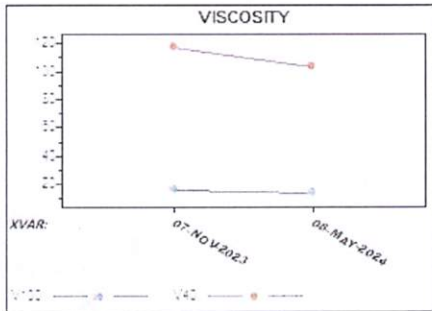
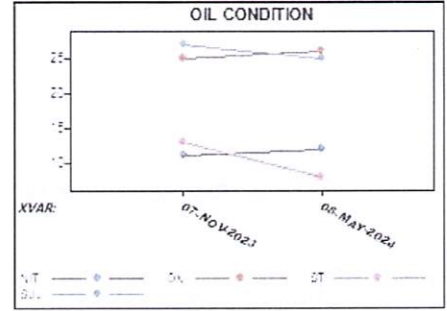
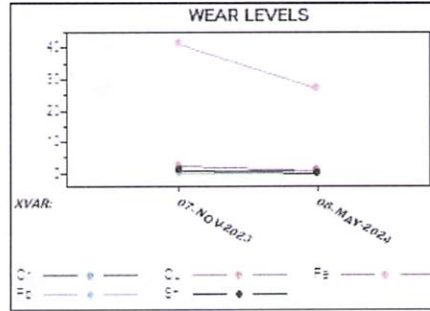
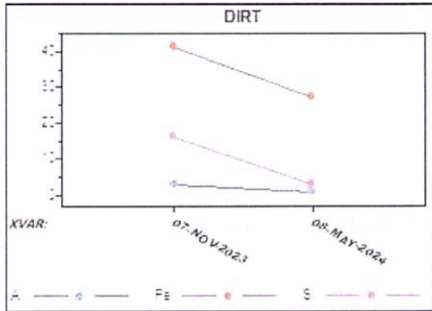
ANTIFREEZE			
A	Antifreeze	N	N

FUEL			
F	Fuel	N	N

WATER			
W	Water	N	N

WEAR LEVELS / ADDITIVES

		08-May-24	07-Nov-23
ELEMENTAL ANALYSIS (ppm)			
Na	Sodium	2	2
K	Potassium	1	1
Si	Silicon	3	16
Al	Aluminum	1	3
Fe	Iron	27	41
Cr	Chromium	1	1
Pb	Lead	0	0
Cu	Copper	1	2
Sn	Tin	0	1
Ni	Nickel	0	1
Ag	Silver	0	0
Ti	Titanium	0	0
V	Vanadium	0	0
Zn	Zinc	1564	1656
Ca	Calcium	1354	1509
Mg	Magnesium	1296	1280
Ba	Barium	0	0
B	Boron	1	1
Mo	Molybdenum	78	80
P	Phosphorus	1226	1264




Report Comment

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ENGINE

N030-54060-0276
 LABEL#: 201488232
 SHOP JOB NUM : 63904
 SAMPLE SHIP TIME (days) : 6
GALENA CONTRACTORS
LTD
 RECEIVED DATE: 29-Feb-24

EQUIP NUM: FB639
TIGERCAT 855 - FIAT 6.7L
 **No Action Required**

SERIAL NUMBER: 85523229

Interp By: Peter Lewandowski
 Interpreted On: 01-Mar-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

	23-Feb-24	15-Dec-23	20-Sep-23	01-Aug-23
Sampled Date	23-Feb-24	15-Dec-23	20-Sep-23	01-Aug-23
Sample Id	N030-54060-0276	N030-53362-1344	N030-53283-0459	N030-53226-0107
Lab Date	29-Feb-24	28-Dec-23	10-Oct-23	14-Aug-23
Meter [Hr]	7848	7541	7047	6840
Comp Meter [Hr]	7848	7541	7047	6840
Meter On Fluid	312	224	207	252
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	10W-30	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
Make Up Fluid [L]	16	16		
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		23-Feb-24	15-Dec-23	20-Sep-23	01-Aug-23
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	12.60	12.70	15.50	15.20
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	87.40	88.40	117.2	116.5
VISCOSITY INDEX					
Vl	Viscosity Index	141	141	139	136

WEAR LEVELS / ADDITIVES

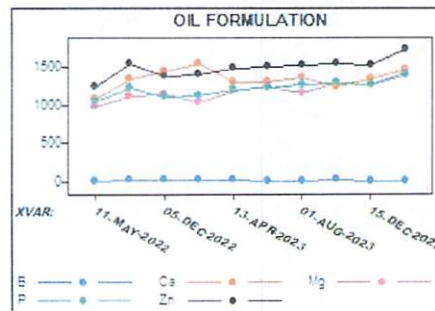
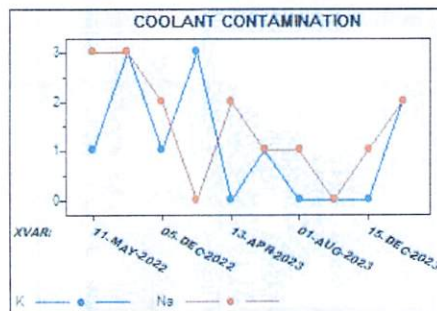
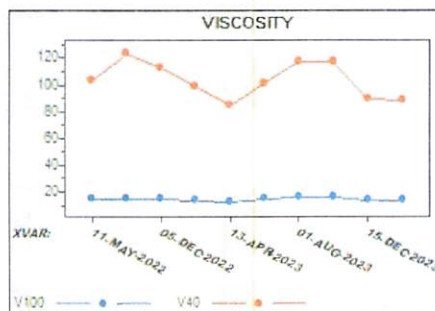
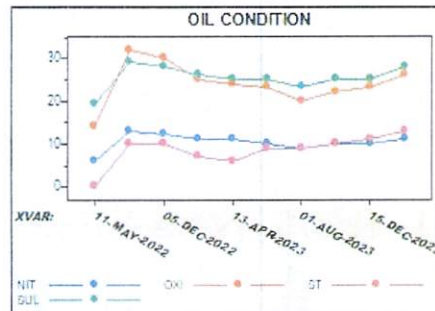
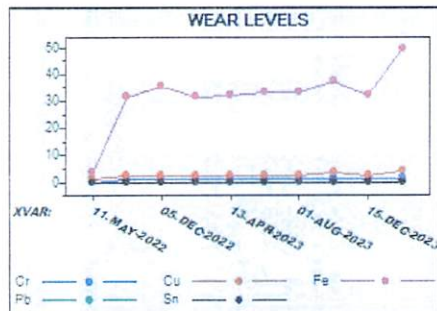
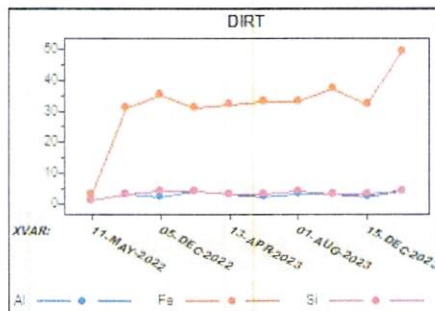
		23-Feb-24	15-Dec-23	20-Sep-23	01-Aug-23
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	2	1	0	1
K	Potassium	2	0	0	0
Si	Silicon	4	3	3	4
Al	Aluminum	4	2	3	3
Fe	Iron	49	32	37	33
Cr	Chromium	1	1	1	1
Pb	Lead	0	0	0	0
Cu	Copper	4	2	3	2
Sn	Tin	0	0	0	0
Ni	Nickel	1	0	2	1
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1723	1537	1551	1525
Ca	Calcium	1458	1349	1250	1354
Mg	Magnesium	1417	1259	1284	1166
Ba	Barium	0	0	0	0
B	Boron	1	1	2	0
Mo	Molybdenum	84	81	82	71
P	Phosphorus	1390	1255	1271	1252

		23-Feb-24	15-Dec-23	20-Sep-23	01-Aug-23
INFRARED (UFM)					
ST	Soot	13	11	10	9
OXI	Oxidation	26	23	22	20
SUL	Sulfur Products	28	25	25	23
NIT	Nitration	11	10	10	9

		23-Feb-24	15-Dec-23	20-Sep-23	01-Aug-23
ANTIFREEZE					
A	Antifreeze	N	N	N	N

		23-Feb-24	15-Dec-23	20-Sep-23	01-Aug-23
FUEL					
F	Fuel	N	N	N	N

		23-Feb-24	15-Dec-23	20-Sep-23	01-Aug-23
WATER					
W	Water	N	N	N	N




Report Comment

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ENGINE

N030-53362-1344
 LABEL#: 201568170
 SHOP JOB NUM : 63904
 SAMPLE SHIP TIME (days) : 13
GALENA CONTRACTORS LTD
 RECEIVED DATE: 28-Dec-23

EQUIP NUM: FB639
TIGERCAT 855 - FIAT 6.7L
 **No Action Required**

SERIAL NUMBER: 85523229

Interp By: Peter Lewandowski
 Interpreted On: 03-Jan-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

	15-Dec-23	20-Sep-23	01-Aug-23	09-Jun-23
Sampled Date	15-Dec-23	20-Sep-23	01-Aug-23	09-Jun-23
Sample Id	N030-53362-1344	N030-53283-0459	N030-53226-0107	N030-53170-0230
Lab Date	28-Dec-23	10-Oct-23	14-Aug-23	19-Jun-23
Meter [Hr]	7541	7047	6840	6588
Comp Meter [Hr]	7541	7047	6840	6588
Meter On Fluid	224	207	252	250
Fluid Brand	PETRO-CAN	PETRO-CAN	PETRO-CAN	PETRO-CAN
Fluid Weight	10W-30	15W-40	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
Make Up Fluid [L]	16			
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		15-Dec-23	20-Sep-23	01-Aug-23	09-Jun-23
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	12.70	15.50	15.20	13.80

V40	Viscosity at 40 C	88.40	117.2	116.5	101.1
-----	-------------------	-------	-------	-------	-------

VI	Viscosity Index	141	139	136	138
----	-----------------	-----	-----	-----	-----

ST	Soot	11	10	9	9
OXI	Oxidation	23	22	20	23
SUL	Sulfur Products	25	25	23	25
NIT	Nitration	10	10	9	10

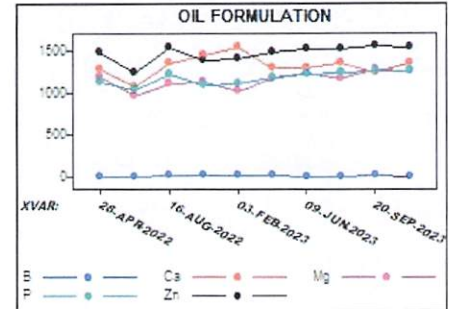
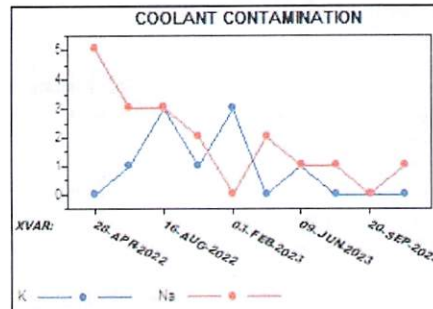
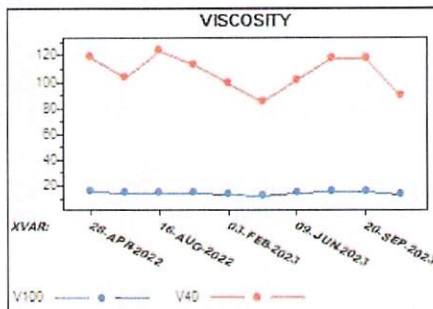
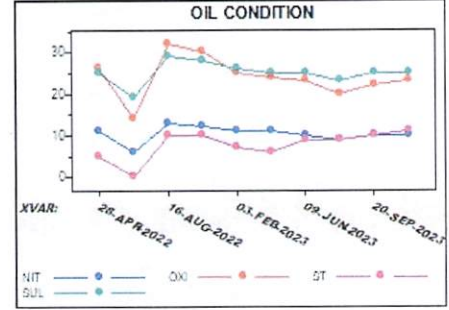
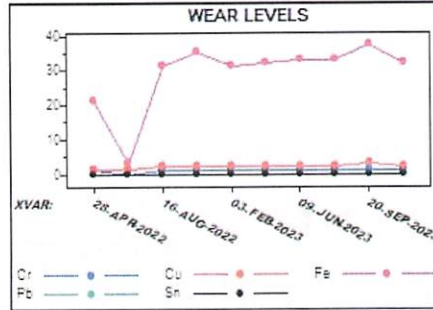
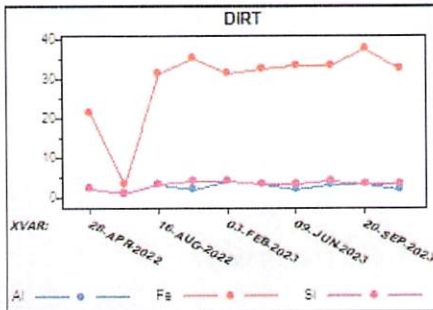
A	Antifreeze	N	N	N	N
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F	Fuel	N	N	N	N
---	------	---	---	---	---

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

WEAR LEVELS / ADDITIVES

		15-Dec-23	20-Sep-23	01-Aug-23	09-Jun-23
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	1	0	1	1
K	Potassium	0	0	0	1
Si	Silicon	3	3	4	3
Al	Aluminum	2	3	3	2
Fe	Iron	32	37	33	33
Cr	Chromium	1	1	1	1
Pb	Lead	0	0	0	0
Cu	Copper	2	3	2	2
Sn	Tin	0	0	0	0
Ni	Nickel	0	2	1	1
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1537	1551	1525	1514
Ca	Calcium	1349	1250	1354	1306
Mg	Magnesium	1259	1284	1166	1245
Ba	Barium	0	0	0	0
B	Boron	1	2	0	1
Mo	Molybdenum	81	82	71	76
P	Phosphorus	1255	1271	1252	1225



Report Comment


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ENGINE

N030-53326-0276
 LABEL#: 201213908
 SAMPLE SHIP TIME (days) : 15
GALENA CONTRACTORS
LTD
 RECEIVED DATE: 22-Nov-23

EQUIP NUM: 639-04

UNKNOWN ZZZ_UNKNOWN


 **No Action Required**

SERIAL NUMBER: GALENA63904

Interp By: Greg Eyre
Interpreted On: 24-Nov-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


 Sampled Date 07-Nov-23
 Sample Id N030-53326-0276
 Lab Date 22-Nov-23
 Meter [Hr] 7317
 Comp Meter [Hr] 7317
 Meter On Fluid 270
 Fluid Brand PETRO-CAN
 Fluid Weight 15W-40
 Fluid Type
 Fluid Change Y
 Filter Change Y
 Suction Loop U

CONDITION / CONTAMINATION

07-Nov-23

VISCOSITY (Centistokes)
 V100 Viscosity at 100 C 15.40

VISCOSITY (Centistokes)
 V40 Viscosity at 40 C 116.5

VISCOSITY INDEX
 VI Viscosity Index 139

INFRARED (UFM)

ST Soot 13
 OXI Oxidation 25
 SUL Sulfur Products 27
 NIT Nitration 11

ANTIFREEZE

A Antifreeze N

FUEL

F Fuel N

WATER

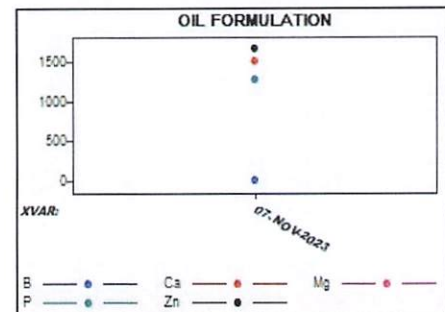
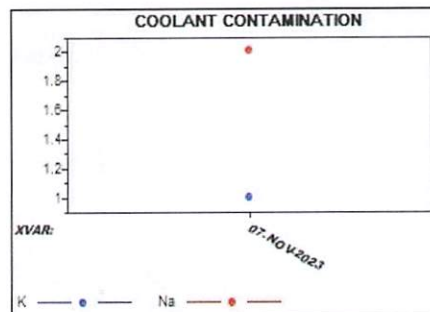
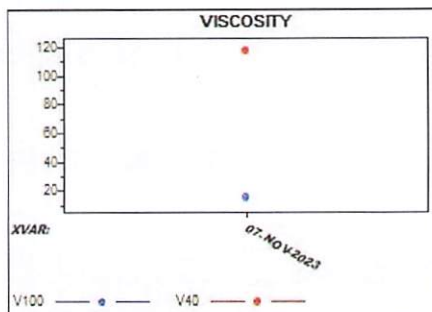
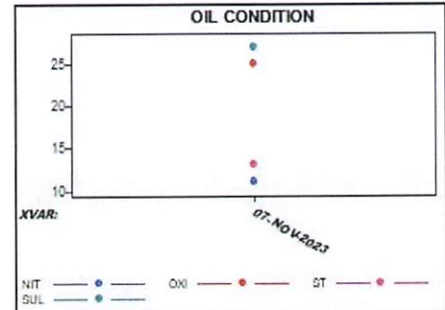
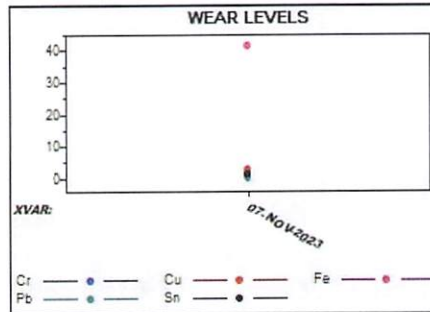
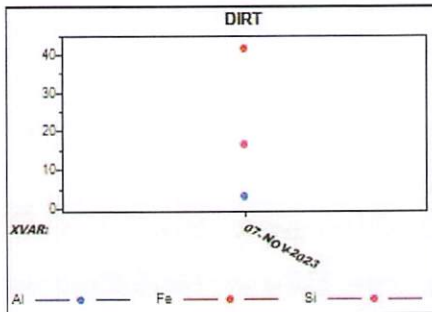
W Water N

WEAR LEVELS / ADDITIVES

07-Nov-23

ELEMENTAL ANALYSIS (ppm)

Na	Sodium	2
K	Potassium	1
Si	Silicon	16
Al	Aluminum	3
Fe	Iron	41
Cr	Chromium	1
Pb	Lead	0
Cu	Copper	2
Sn	Tin	1
Ni	Nickel	1
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Zn	Zinc	1656
Ca	Calcium	1509
Mg	Magnesium	1280
Ba	Barium	0
B	Boron	1
Mo	Molybdenum	80
P	Phosphorus	1264



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.

HYDRAULIC SYSTEM

EQUIP NUM: FB639

SERIAL NUMBER: 85523229

N030-53283-0463

LABEL#: 201384565

SHOP JOB NUM : 639-05

SAMPLE SHIP TIME (days) : 20

GALENA CONTRACTORS

LTD

RECEIVED DATE: 10-Oct-23

TIGERCAT 855

No Action Required

Interp By: Gregory Scribner

Interpreted On: 12-Oct-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

	20-Sep-23	03-Feb-23	16-Mar-21
Sampled Date	20-Sep-23	03-Feb-23	16-Mar-21
Sample Id	N030-53283-0463	N030-53044-1211	N030-51109-0142
Lab Date	10-Oct-23	13-Feb-23	19-Apr-21
Meter [Hr]	7047	6077	3268
Comp Meter [Hr]	7047	6077	3268
Meter On Fluid	747	2656	3268
Fluid Brand	PETRO-CAN	OTHER	
Fluid Weight	46-ISO	46-ISO	46-ISO
Fluid Type	HYDREX	HYDREX AW	AW
Fluid Change	N	Y	N
Filter Change	Y	Y	Y
Kidney Loop	U	U	U

CONDITION / CONTAMINATION

		20-Sep-23	03-Feb-23	16-Mar-21
VISCOSITY (Centistokes)				
V100	Viscosity at 100 C	7.100	7.100	6.2

		20-Sep-23	03-Feb-23	16-Mar-21
VISCOSITY (Centistokes)				
V40	Viscosity at 40 C	44.40	44.30	37.4

		20-Sep-23	03-Feb-23	16-Mar-21
VISCOSITY INDEX				
VI	Viscosity Index	119	120	113

		20-Sep-23	03-Feb-23	16-Mar-21
INFRARED (UFM)				
ST	Soot	0	0	0
OXI	Oxidation	3	4	7
SUL	Sulfur Products	12	12	15
NIT	Nitration	2	2	2

		20-Sep-23	03-Feb-23	16-Mar-21
ANTIFREEZE				
A	Antifreeze	N	N	N

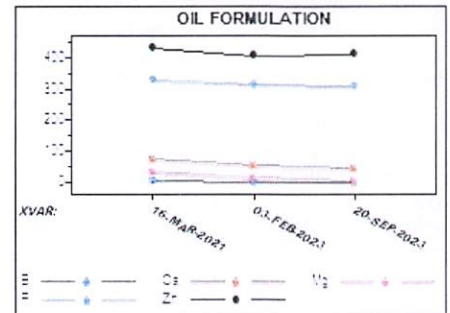
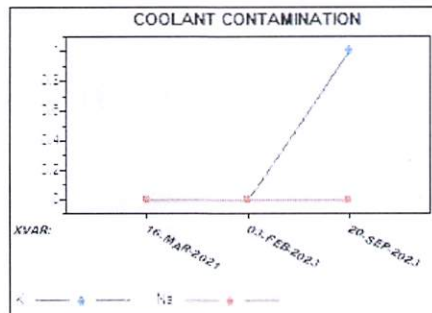
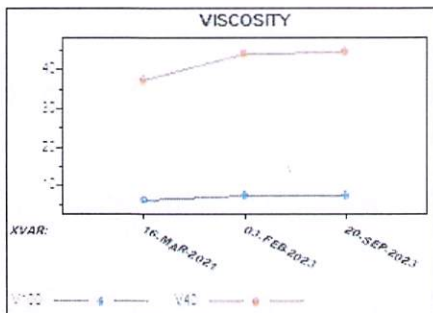
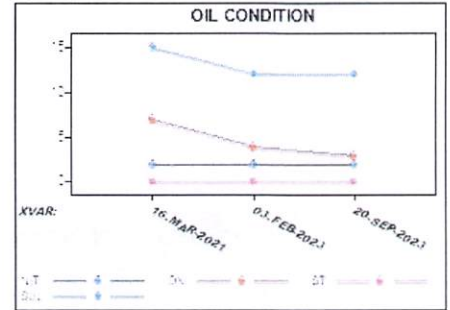
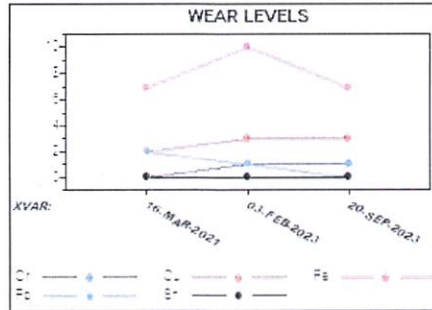
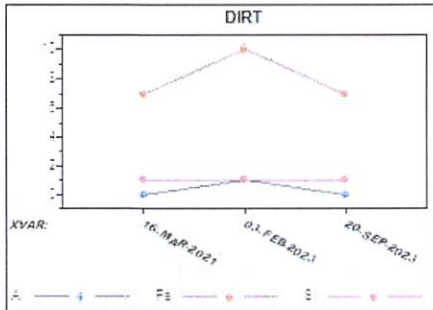
		20-Sep-23	03-Feb-23	16-Mar-21
WATER				
W	Water	N	N	N

CLEANLINESS

		20-Sep-23	03-Feb-23	16-Mar-21
PARTICLE COUNT				
ISO	ISO Code Rating	20/18/14	22/18/13	21/17/13
4µ	4µ	5116	24356	13028
6µ	6µ	1473	2248	831
10µ	10µ	398	195	97
14µ	14µ	146	73	42
18µ	18µ	64	39	26
21µ	21µ	38	27	21
38µ	38µ	3	6	9
50µ	50µ	1	3	6

WEAR LEVELS / ADDITIVES

		20-Sep-23	03-Feb-23	16-Mar-21
ELEMENTAL ANALYSIS (ppm)				
Na	Sodium	0	0	0
K	Potassium	1	0	0
Si	Silicon	1	1	1
Al	Aluminum	0	1	0
Fe	Iron	7	10	7
Cr	Chromium	1	1	0
Pb	Lead	0	1	2
Cu	Copper	3	3	2
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	408	405	428
Ca	Calcium	42	52	72
Mg	Magnesium	5	11	31
Ba	Barium	0	0	0
B	Boron	0	0	1
Mo	Molybdenum	1	1	2
P	Phosphorus	308	311	329



Report Comment

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ENGINE

EQUIP NUM: FB639

SERIAL NUMBER: 85523229

N030-53283-0459

TIGERCAT 855 - FIAT 6.7L

No Action Required

Interp By: Gregory Scribner

LABEL#: 201284208

SHOP JOB NUM : 639-04

SAMPLE SHIP TIME (days) : 20

GALENA CONTRACTORS

LTD

RECEIVED DATE: 10-Oct-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

	20-Sep-23	01-Aug-23	09-Jun-23	13-Apr-23
Sampled Date	20-Sep-23	01-Aug-23	09-Jun-23	13-Apr-23
Sample Id	N030-53283-0459	N030-53226-0107	N030-53170-0230	N030-53109-0219
Lab Date	10-Oct-23	14-Aug-23	19-Jun-23	19-Apr-23
Meter [Hr]	7047	6840	6588	6338
Comp Meter [Hr]	7047	6840	6588	6338
Meter On Fluid	207	252	250	261
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
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		20-Sep-23	01-Aug-23	09-Jun-23	13-Apr-23
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	15.50	15.20	13.80	12.30
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	117.2	116.5	101.1	84.60
VISCOSITY INDEX					
VI	Viscosity Index	139	136	138	141

WEAR LEVELS / ADDITIVES

		20-Sep-23	01-Aug-23	09-Jun-23	13-Apr-23
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	0	1	1	2
K	Potassium	0	0	1	0
Si	Silicon	3	4	3	3
Al	Aluminum	3	3	2	3
Fe	Iron	37	33	33	32
Cr	Chromium	1	1	1	1
Pb	Lead	0	0	0	0
Cu	Copper	3	2	2	2
Sn	Tin	0	0	0	0
Ni	Nickel	2	1	1	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1551	1525	1514	1485
Ca	Calcium	1250	1354	1306	1302
Mg	Magnesium	1284	1166	1245	1172
Ba	Barium	0	0	0	0
B	Boron	2	0	1	2
Mo	Molybdenum	82	71	76	76
P	Phosphorus	1271	1252	1225	1190

INFRARED (UFM)

		20-Sep-23	01-Aug-23	09-Jun-23	13-Apr-23
ST	Soot	10	9	9	6
OXI	Oxidation	22	20	23	24
SUL	Sulfur Products	25	23	25	25
NIT	Nitration	10	9	10	11

ANTIFREEZE

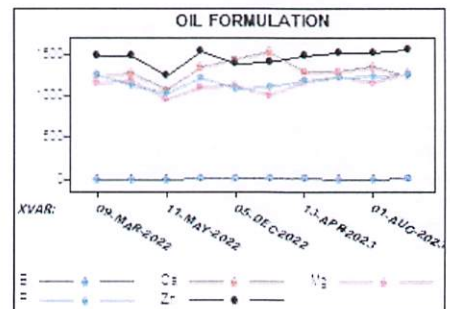
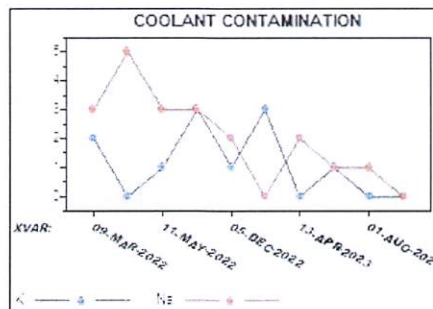
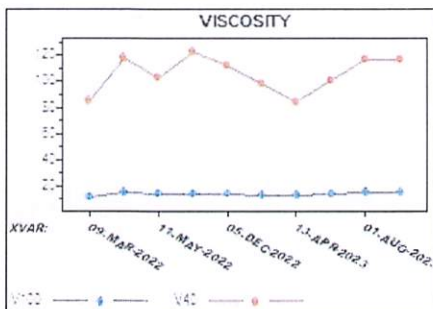
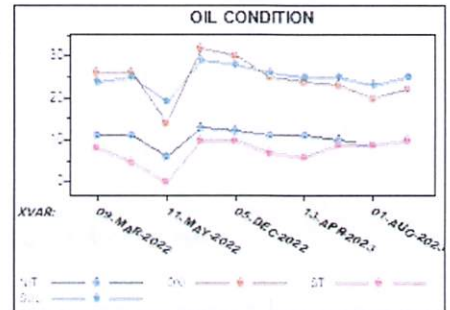
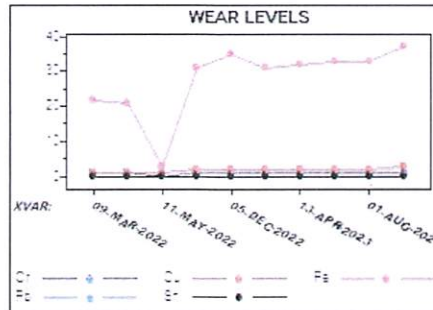
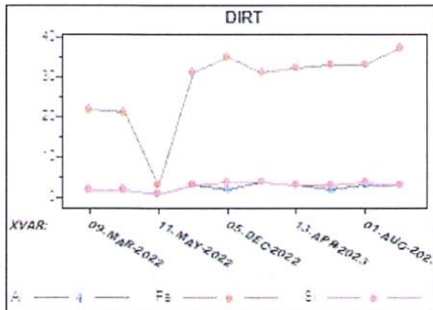
		20-Sep-23	01-Aug-23	09-Jun-23	13-Apr-23
A	Antifreeze	N	N	N	N

FUEL

		20-Sep-23	01-Aug-23	09-Jun-23	13-Apr-23
F	Fuel	N	N	N	N

WATER

		20-Sep-23	01-Aug-23	09-Jun-23	13-Apr-23
W	Water	N	N	N	N



Report Comment

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