

ANAL DRIVE REAR

EQUIP NUM: 7852

SERIAL NUMBER: MH700549

RIGHT

CAT D6T

N03C-56063-0598

 No Action Required

Interp By: Gregory Scribner
Interpreted On: 09-Mar-26

LABEL#: 202115749





SAMPLE SHIP TIME (days) : 21

PIDHERNEYS INC

RECEIVED DATE: 04-Mar-26

SLIGHTLY ELEVATED SILICON CONTENT. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

				
Sampled Date	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
Sample Id	N03C-56063-0598	N030-55280-0639	N030-55149-0859	N030-55010-0730
Lab Date	04-Mar-26	07-Oct-25	29-May-25	10-Jan-25
Meter [Hr]	7865.0	7646.0	6618.0	6277.0
Comp Meter [Hr]			6618.0	6277.0
Meter On Fluid	1588.0	1369.0	341.0	5024.0
Fluid Brand	SHELL	SHELL	CHEVRON	CHEVRON
Fluid Weight	60	60	10W-40	10W-40
Fluid Type	SPIRAX S6 CFD ME 6	SPIRAX S6 CFD ME 6	DELO TORQFORCE M	DELO TORQFORCE M
Fluid Change	N	N	N	Y
Filter Change	N	N	N	N

PREVIOUS SAMPLE

ELEVATED DIRT CONTENT. WEAR METAL ANALYSIS INDICATES ACCEPTABLE WEAR RATE. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL. SUGGEST OIL CHANGE. EXAMINE HOUSING SEALS, BREATHERS, PLUGS FOR INDICATIONS OF LEAKAGE OR DIRT/ WATER ENTRY.

CONDITION / CONTAMINATION

		11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	23.50	22.80	23.20	23.30
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	186.1	178.2	178.9	181.6

WEAR LEVELS / ADDITIVES

		11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	12	10	9	4
K	Potassium	1	2	2	0
Si	Silicon	29	56	40	1
Al	Aluminum	4	8	6	0
Fe	Iron	46	88	71	1
Cr	Chromium	2	3	2	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	1	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	25	57	41	15
Ca	Calcium	301	382	315	258
Mg	Magnesium	2	3	2	1
Ba	Barium	0	0	0	0
B	Boron	92	91	91	106
Mo	Molybdenum	1	2	1	0
P	Phosphorus	288	358	330	337

VISCOSITY INDEX

VI	Viscosity Index	156	155	158	158
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INFRARED (UFM)

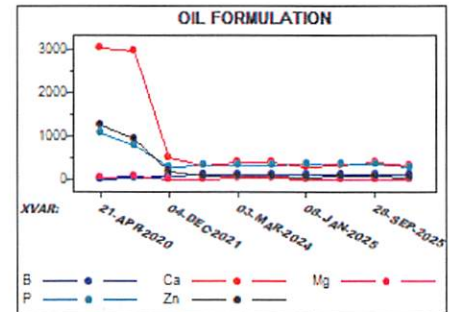
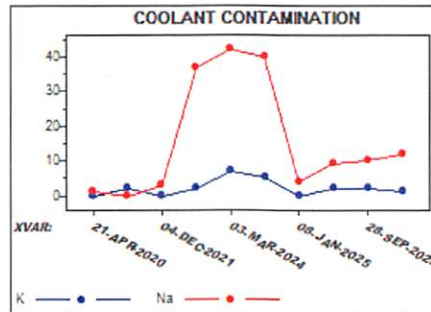
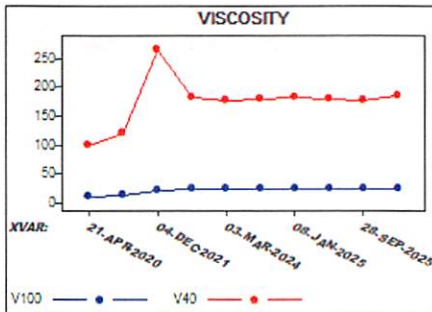
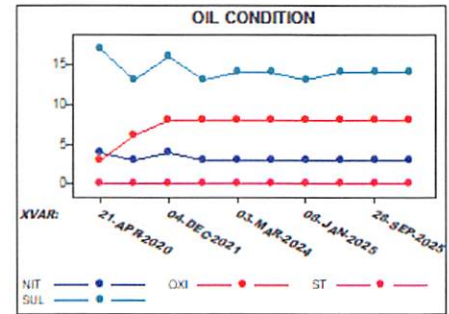
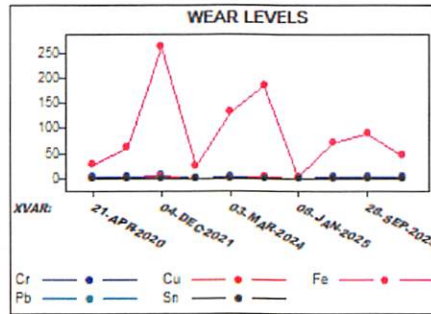
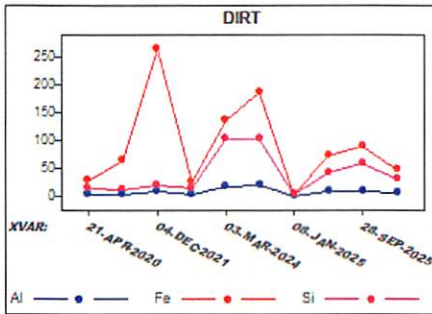
ST	Soot	0	0	0	0
OXI	Oxidation	8	8	8	8
SUL	Sulfate By-Product	14	14	14	13
	Sulfur Products	14	14	14	13
NIT	Nitration	3	3	3	3

WATER

W	Water	N	N	N	N
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CLEANLINESS

		11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
PARTICLE COUNT					
ISO	ISO Code Rating	23/22/17	23/22/15	22/20/13	21/18/14
4µ	4µ	54411	62161	27488	14480
6µ	6µ	22825	37397	9976	2014
10µ	10µ	4217	4643	493	364
14µ	14µ	1136	201	61	100
18µ	18µ		49		38
21µ	21µ	184	28	16	20
38µ	38µ	4	2	1	1
50µ	50µ		1		0



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: 7852

SERIAL NUMBER: MH700549

N03C-56063-0611

LABEL#: 202015123

SAMPLE SHIP TIME (days) : 21

PIDHERNEYS INC

RECEIVED DATE: 04-Mar-26

CAT D6T



Monitor Compartment

DIRT AND IRON CONTENT INDICATED. PARTICLE COUNT READING EXCEEDS RECOMMENDED CLEANLINESS LEVEL.
OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL TO MONITOR.

Interp By: Aron Balines
Interpreted On: 09-Mar-26

SAMPLE INFORMATION

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
Sampled Date	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
Sample Id	N03C-56063-0611	N030-55280-0542	N030-55149-0856	N030-55010-0663
Lab Date	04-Mar-26	07-Oct-25	29-May-25	10-Jan-25
Meter [Hr]	7865.0	7646.0	6618.0	6277.0
Comp Meter [Hr]			6618.0	6277.0
Meter On Fluid	1588.0	1369.0	341.0	2215.0
Fluid Brand	CAT	CAT	CAT	CAT
Fluid Weight	10W	10W	10W	10W
Fluid Type	HYDO ADVANCED	HYDO ADVANCED	HYDO ADVANCED	HYDO ADVANCED
Fluid Change	N	N	N	Y
Filter Change	Y	Y	Y	Y

PREVIOUS SAMPLE

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

CONDITION / CONTAMINATION

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
VISCOSITY (Centistokes)				
V100 Viscosity at 100 C	6.900	6.900	13.50	7.000
VISCOSITY (Centistokes)				
V40 Viscosity at 40 C	43.90	44.80	98.60	43.90

WEAR LEVELS / ADDITIVES

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	1	1	1	0
K Potassium	1	1	1	0
Si Silicon	11	13	4	0
Al Aluminum	4	5	1	0
Fe Iron	30	32	6	0
Cr Chromium	1	1	0	0
Pb Lead	0	0	0	0
Cu Copper	5	6	1	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	904	970	1194	889
Ca Calcium	1175	1454	3203	155
Mg Magnesium	15	17	12	1
Ba Barium	0	0	0	0
B Boron	2	2	12	0
Mo Molybdenum	1	0	2	0
P Phosphorus	691	735	957	669

VISCOSITY INDEX

VI Viscosity Index	114	110	137	118
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INFRARED (UFM)

ST Soot	0	0	0	0
OXI Oxidation	4	5	10	3
SUL Sulfate By-Product	13	13	19	12
Sulfur Products	13	13	19	12
NIT Nitration	2	3	4	2

ANTIFREEZE

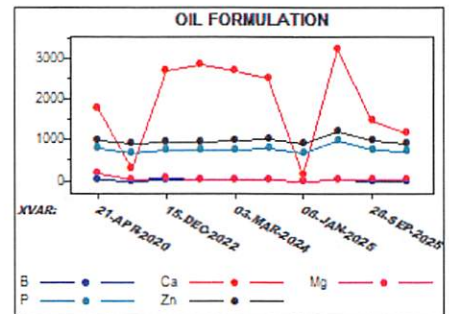
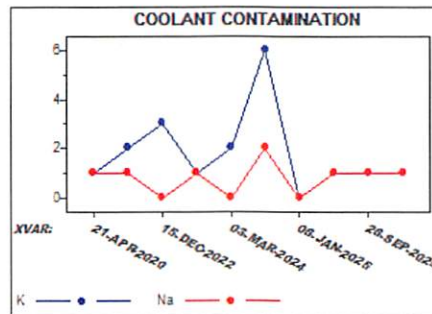
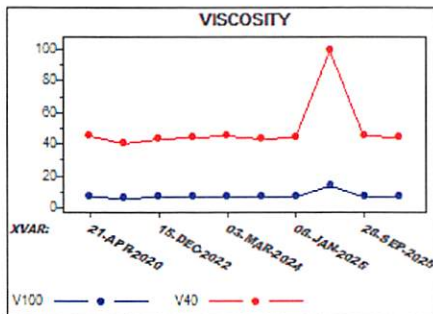
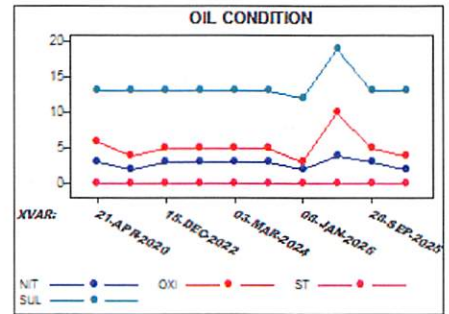
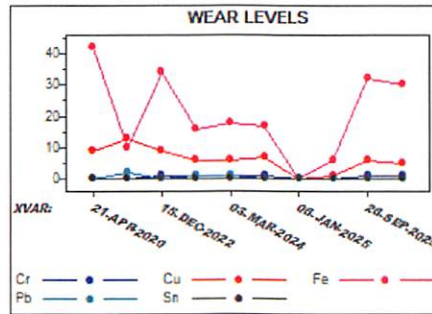
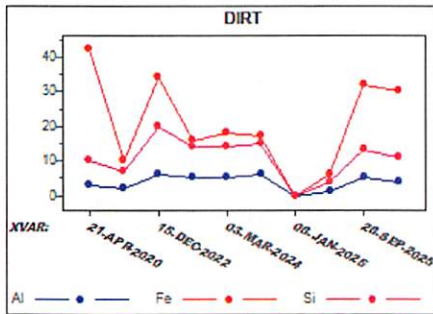
A Antifreeze	N	N	N	N
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WATER

W Water	N	N	N	N
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CLEANLINESS

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
PARTICLE COUNT				
ISO ISO Code Rating	22/19/13	19/15/11	18/16/14	19/17/12
4µ 4µ	24016	4328	2355	3666
6µ 6µ	2519	210	508	915
10µ 10µ	301	52	174	146
14µ 14µ	72	20	90	32
18µ 18µ		9		
21µ 21µ	17	4	36	5
38µ 38µ	2	1	2	1
50µ 50µ		0		



Report Comment

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ENGINE

EQUIP NUM: 7852

SERIAL NUMBER: MH700549

N03C-56063-0622

LABEL#: 201894721

SAMPLE SHIP TIME (days) : 21

PIDHERNEYS INC

RECEIVED DATE: 04-Mar-26

CAT D6T



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: 09-Mar-26

SAMPLE INFORMATION

	11-Feb-26	03-Nov-25	28-Sep-25	11-Jun-25
Sampled Date	11-Feb-26	03-Nov-25	28-Sep-25	11-Jun-25
Sample Id	N03C-56063-0622	N030-55339-0525	N030-55280-0629	N030-55171-0512
Lab Date	04-Mar-26	05-Dec-25	07-Oct-25	20-Jun-25
Meter [Hr]	7865.0	7737.0	7646.0	6801.0
Meter On Fluid	219.0	91.0	331.0	183.0
Fluid Brand	CHEVRON	CHEVRON	CHEVRON	CHEVRON
Fluid Weight	5W-40	5W-40	5W-40	5W-40
Fluid Type	DELO 400 XSP	DELO 400 XSP	DELO 400 XSP	DELO 400 XSP
Fluid Change	Y	N	Y	N
Filter Change	Y	N	Y	N
Money Loop				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

		11-Feb-26	03-Nov-25	28-Sep-25	11-Jun-25
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	14.10	15.00	14.70	15.00
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	86.70	90.50	89.90	93.80

WEAR LEVELS / ADDITIVES

		11-Feb-26	03-Nov-25	28-Sep-25	11-Jun-25
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	4	5	6	3
K	Potassium	3	3	3	4
Si	Silicon	6	4	6	11
Al	Aluminum	1	1	2	3
Fe	Iron	9	5	14	32
Cr	Chromium	1	0	1	0
Pb	Lead	0	0	4	0
Cu	Copper	1	0	2	1
Sn	Tin	0	0	0	0
Ni	Nickel	0	0	0	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	1	0
V	Vanadium	0	0	0	0
Zn	Zinc	852	849	903	894
Ca	Calcium	1361	1320	1402	1402
Mg	Magnesium	839	676	733	719
Ba	Barium	0	0	0	0
B	Boron	58	73	37	54
Mo	Molybdenum	2	1	2	3
P	Phosphorus	720	732	759	717

VISCOSITY INDEX

VI	Viscosity Index	168	175	171	168
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INFRARED (UFM)

		17	8	29	25
ST	Soot	17	8	29	25
OXI	Oxidation	14	13	15	14
SUL	Sulfate By-Product	19	18	21	19
NIT	Nitration	9	8	10	9

ANTIFREEZE

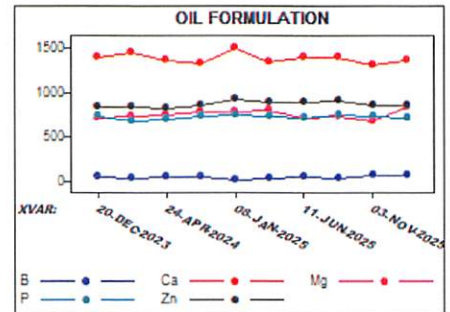
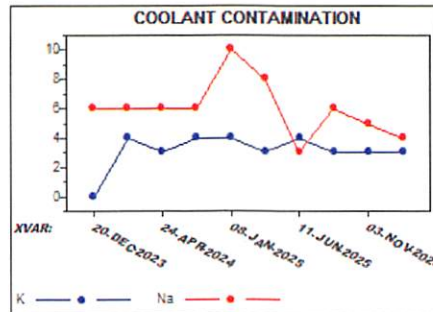
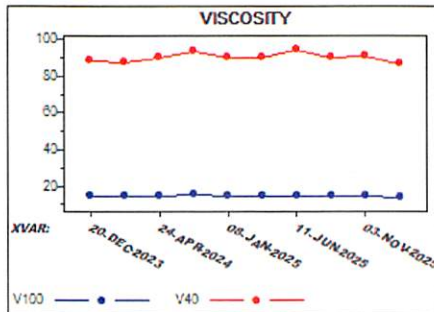
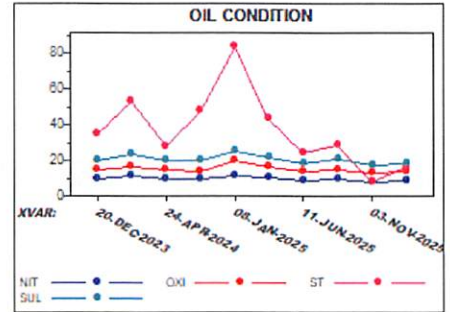
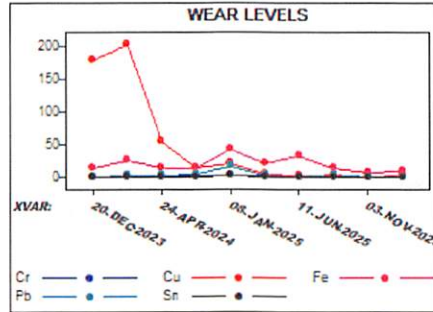
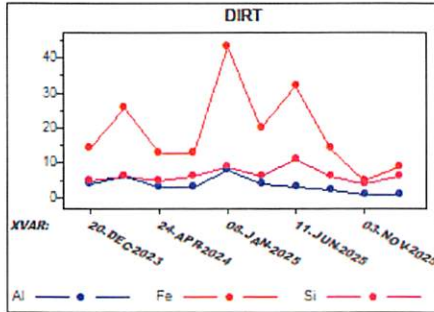
A	Antifreeze	N	N	N	N
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FUEL

F	Fuel	N	N	N	N
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WATER

W	Water	N	N	N	N
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Report Comment

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TRANSMISSION POWER

SHIFT

N03C-56063-0817
 LABEL#: 202115812
 SAMPLE SHIP TIME (days) : 21
PIDHERNEYS INC
 RECEIVED DATE: 04-Mar-26

EQUIP NUM: 7852

CAT D6T

 **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: MH700549

Interp By: Greg Eyre
Interpreted On: 10-Mar-26

SAMPLE INFORMATION

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
Sampled Date	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
Sample Id	N03C-56063-0817	N030-55280-0533	N030-55149-0855	N030-55010-0661
Lab Date	04-Mar-26	07-Oct-25	29-May-25	10-Jan-25
Meter [Hr]	7865.0	7646.0	6618.0	6277.0
Comp Meter [Hr]			6618.0	6277.0
Meter On Fluid	219.0	331.0	341.0	440.0
Fluid Brand	CHEVRON	CHEVRON	CHEVRON	CHEVRON
Fluid Weight	10W-40	10W-40	10W-40	10W-40
Fluid Type	DELO TORQFORCE M	DELO TORQFORCE M	DELO TORQFORCE M	DELO TORQFORCE M
Fluid Change	Y	Y	N	Y
Change	Y	Y	Y	Y

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

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
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VISCOSITY (Centistokes)

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
V100 Viscosity at 100 C	14.20	14.00	7.000	14.60

VISCOSITY (Centistokes)

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
V40 Viscosity at 40 C	106.1	101.6	44.40	107.5

WEAR LEVELS / ADDITIVES

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
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ELEMENTAL ANALYSIS (ppm)

Na Sodium	0	1	1	2
K Potassium	0	1	1	2
Si Silicon	3	3	11	3
Al Aluminum	0	0	4	0
Fe Iron	1	5	24	2
Cr Chromium	0	0	1	0
Pb Lead	0	0	0	0
Cu Copper	0	2	4	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	987	1165	943	1083
Ca Calcium	3169	3549	1335	3487
Mg Magnesium	9	10	18	10
Ba Barium	0	0	0	0
B Boron	2	8	2	3
Mo Molybdenum	1	9	0	4
P Phosphorus	807	919	706	875

VISCOSITY INDEX

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
VI Viscosity Index	136	140	116	140

INFRARED (UFM)

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
ST Soot	0	0	0	0
OXI Oxidation	6	7	4	5
SUL Sulfate By-Product	12	15	13	12
Sulfur Products	12	15	13	12
NIT Nitration	3	4	3	3

ANTIFREEZE

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
A Antifreeze	N	N	N	N

WATER

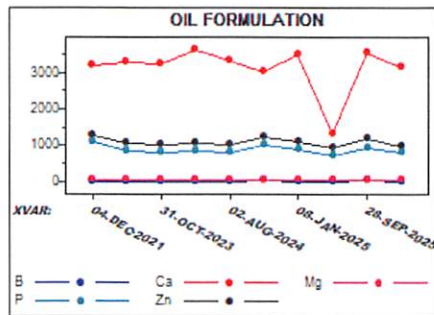
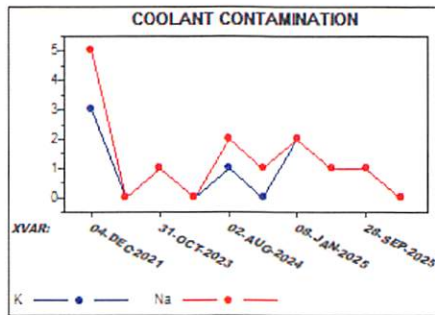
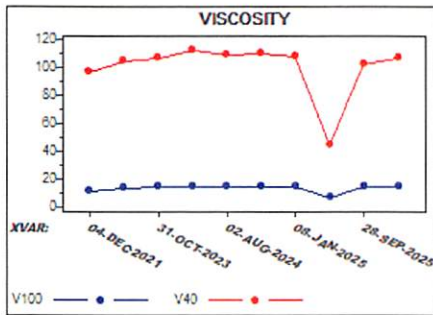
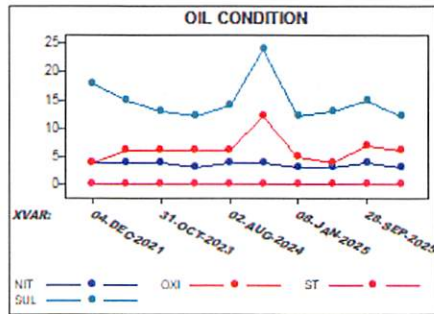
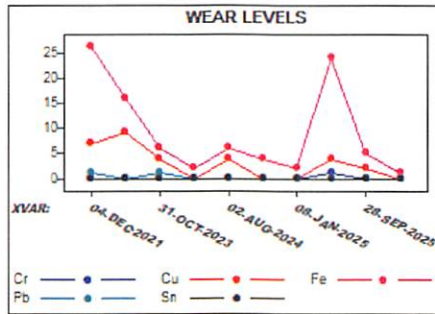
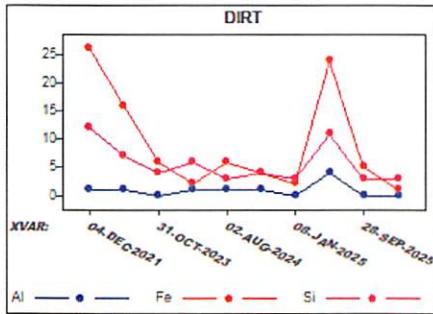
	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
W Water	N	N	N	N

CLEANLINESS

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
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PARTICLE COUNT

ISO	ISO Code Rating	22/21/17	20/17/14	18/15/12	22/20/16
4µ 4µ		26177	6010	1928	26773
6µ 6µ		10688	923	244	7605
10µ 10µ		2691	226	50	1496
14µ 14µ		787	96	21	389
18µ 18µ		229	53		
21µ 21µ		90	34	5	69
38µ 38µ		7	4	0	4
50µ 50µ		2	1		



Report Comment

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AL DRIVE REAR LEFT

EQUIP NUM: 7852

SERIAL NUMBER: MH700549

N03C-56063-0818

LABEL#: 202087665

SAMPLE SHIP TIME (days) : 21

PIDHERNEYS INC

RECEIVED DATE: 04-Mar-26

CAT D6T



No Action Required

Interp By: Greg Eyre
Interpreted On: 10-Mar-26

SLIGHTLY ELEVATED SILICON IS TYPICALLY DIRT ENTRY. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
Sample Id	N03C-56063-0818	N030-55280-0571	N030-55149-0858	N030-55010-0678
Lab Date	04-Mar-26	07-Oct-25	29-May-25	10-Jan-25
Meter [Hr]	7865.0	7646.0	6618.0	6277.0
Comp Meter [Hr]			6618.0	6277.0
Meter On Fluid	1588.0	1369.0	341.0	5024.0
Fluid Brand	SHELL	SHELL	CHEVRON	CHEVRON
Fluid Weight	60	60	10W-40	10W-40
Fluid Type	SPIRAX S6 CFD ME 6	SPIRAX S6 CFD ME 6	DELO TORQFORCE M	DELO TORQFORCE M
Fluid Change	N	N	N	Y
Change	N	N	N	N

PREVIOUS SAMPLE

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

CONDITION / CONTAMINATION

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
VISCOSITY (Centistokes)				
V100 Viscosity at 100 C	23.80	24.80	24.10	22.60
VISCOSITY (Centistokes)				
V40 Viscosity at 40 C	186.6	184.8	186.7	183.0

WEAR LEVELS / ADDITIVES

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	12	14	11	4
K Potassium	1	1	1	0
Si Silicon	33	26	10	1
Al Aluminum	4	4	1	0
Fe Iron	51	33	22	1
Cr Chromium	2	1	1	0
Pb Lead	0	0	0	0
Cu Copper	0	0	0	0
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	22	28	24	15
Ca Calcium	299	316	287	271
Mg Magnesium	2	2	2	1
Ba Barium	0	0	0	0
B Boron	89	93	89	107
Mo Molybdenum	2	1	0	0
P Phosphorus	323	306	303	370

VISCOSITY INDEX

VI Viscosity Index	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
VI Viscosity Index	157	166	160	149

INFRARED (UFM)

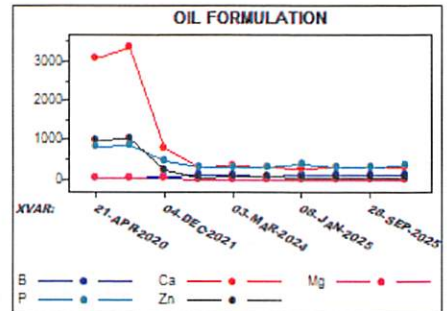
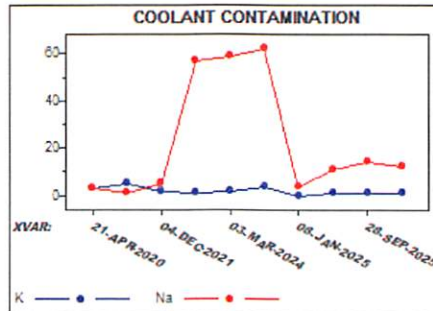
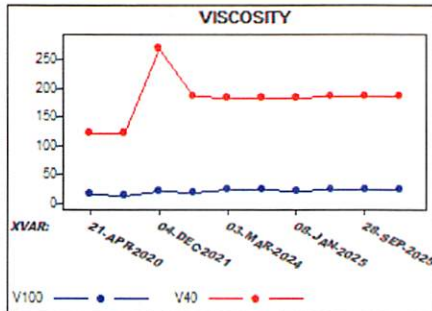
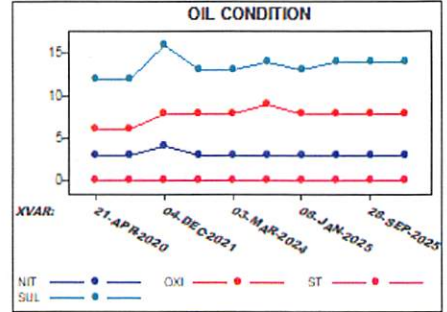
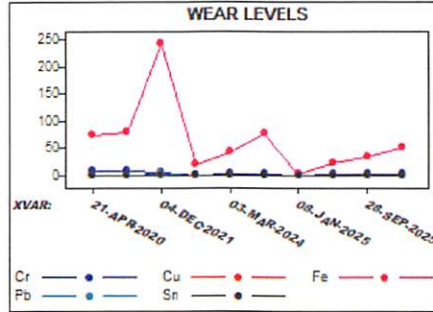
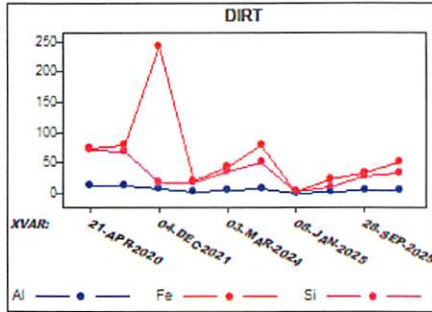
	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
ST Soot	0	0	0	0
OXI Oxidation	8	8	8	8
SUL Sulfate By-Product	14	14	14	13
Sulfur Products	14	14	14	13
NIT Nitration	3	3	3	3

WATER

W Water	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
W Water	N	N	N	N

CLEANLINESS

	11-Feb-26	28-Sep-25	13-May-25	08-Jan-25
PARTICLE COUNT				
ISO ISO Code Rating	23/22/17	DEBRIS	22/19/13	21/18/14
PC Ra PC Rating		B1		
4µ 4µ	78773		27551	16250
6µ 6µ	35870		3597	1944
10µ 10µ	3618		286	319
14µ 14µ	769		78	100
18µ 18µ	236			36
21µ 21µ	117		18	20
38µ 38µ	14		1	2
50µ 50µ	3			0



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.