

208-8
BLUE-MAR



N03C LAB under N030 -

ENGINE

N030-56016-0687
 LABEL#: 202115827
 SAMPLE SHIP TIME (days) : 10
PIDHERNEYS INC
 RECEIVED DATE: 16-Jan-26

EQUIP NUM: 7869
CAT D6T



No Action Required

SERIAL NUMBER: K1R00172

Interp By: Aron Balines
Interpreted On: 20-Jan-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

	06-Jan-26	03-Nov-25	05-Sep-25	21-Jul-25
Sampled Date	06-Jan-26	03-Nov-25	05-Sep-25	21-Jul-25
Sample Id	N030-56016-0687	N030-55339-0526	N030-55260-0917	N030-55217-0285
Lab Date	16-Jan-26	05-Dec-25	17-Sep-25	05-Aug-25
Meter [Hr]	9000.0	8759.0	8537.0	8226.0
Meter On Fluid	463.0	222.0	398.0	87.0
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

CONDITION / CONTAMINATION

	06-Jan-26	03-Nov-25	05-Sep-25	21-Jul-25
VISCOSITY (Centistokes)				
V100 Viscosity at 100 C	14.20	14.80	15.20	15.60
VISCOSITY (Centistokes)				
V40 Viscosity at 40 C	89.30	91.50	92.40	95.70
VISCOSITY INDEX				
VI Viscosity Index	164	170	174	174

WEAR LEVELS / ADDITIVES

	06-Jan-26	03-Nov-25	05-Sep-25	21-Jul-25
ELEMENTAL ANALYSIS (ppm)				
Cu Copper	8	7	5	2
Fe Iron	31	11	15	8
Cr Chromium	1	1	1	0
Al Aluminum	5	4	4	2
Pb Lead	1	0	1	0
Sn Tin	0	0	0	0
Si Silicon	6	15	5	5
Na Sodium	6	6	7	4
K Potassium	2	3	4	2
Mo Molybdenum	5	3	4	3
Ni Nickel	0	0	0	0
Ag Silver	0	0	0	0
Ti Titanium	0	1	0	0
V Vanadium	0	0	0	0
Ca Calcium	1658	1482	1540	1425
P Phosphorus	741	746	767	719
Zn Zinc	921	875	932	902
Mg Magnesium	683	622	686	732
Ba Barium	0	0	0	0
B Boron	22	53	36	70

INFRARED (UFM)

	06-Jan-26	03-Nov-25	05-Sep-25	21-Jul-25
ST Soot	52	22	41	14
OXI Oxidation	16	13	14	12
SUL Sulfate By-Product	23	19	20	19
NIT Nitration	11	9	9	8

WATER

	06-Jan-26	03-Nov-25	05-Sep-25	21-Jul-25
W Water	N	N	N	N

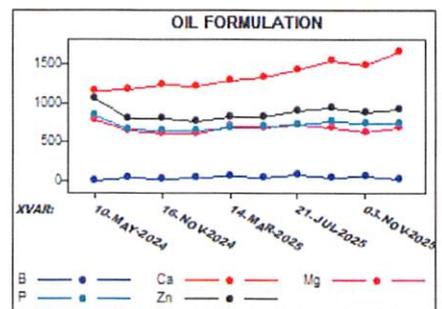
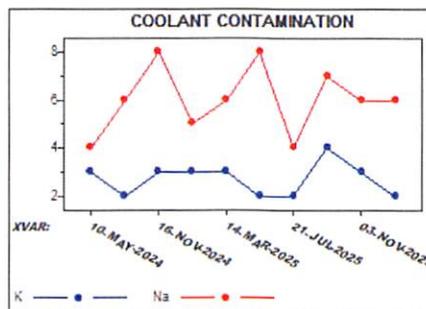
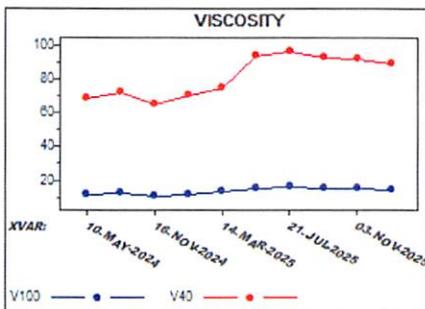
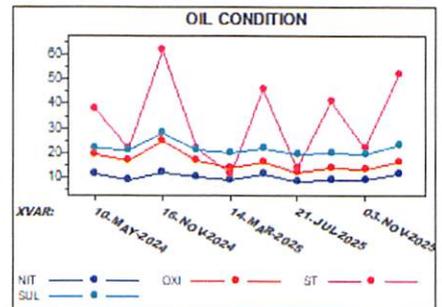
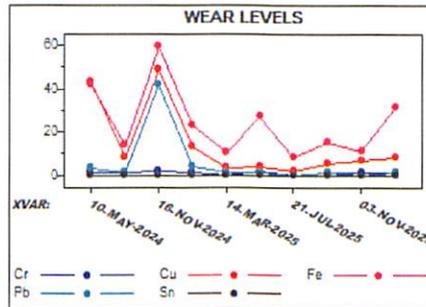
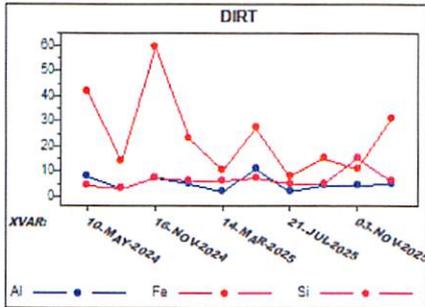
ANTIFREEZE

	06-Jan-26	03-Nov-25	05-Sep-25	21-Jul-25
A Antifreeze	N	N	N	N

FUEL

	06-Jan-26	03-Nov-25	05-Sep-25	21-Jul-25
F Fuel	N	N	N	N

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

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INAL DRIVE REAR

EQUIP NUM: 7869

SERIAL NUMBER: K1R00172

RIGHT

CAT D6T



Monitor Compartment

Interp By: Aron Balines
Interpreted On: 20-Jan-26

N030-56016-0701

LABEL#: 202089735

SAMPLE SHIP TIME (days) : 10

PIDHERNEYS INC

RECEIVED DATE: 16-Jan-26

DIRT CONTENT IS ELEVATED. UNABLE TO TEST FOR PARTICLE COUNT (ISO CODE) DUE TO VISIBLE DEBRIS IN SAMPLE. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
Sampled Date	06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
Sample Id	N030-56016-0701	N030-55260-0913	N030-55204-0567	N030-55071-0262
Lab Date	16-Jan-26	17-Sep-25	23-Jul-25	12-Mar-25
Meter [Hr]	9000.0	8537.0	8139.0	7605.0
Comp Meter [Hr]				7605.0
Meter On Fluid	861.0	398.0	2182.0	1648.0
Fluid Brand	SHELL	CHEVRON	CHEVRON	CHEVRON
Fluid Weight	60	10W-40	10W-40	10W-40
Fluid Type	SPIRAX S6 CFD ME 6	DELO TORQFORCE M	DELO TORQFORCE M	DELO TORQFORCE M
Fluid Change	N	N	Y	N
Filter Change	N	N	N	N

CONDITION / CONTAMINATION

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	23.20	24.10	24.80	14.10
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	180.8	179.4	188.0	111.1
VISCOSITY INDEX					
VI	Viscosity Index	156	166	164	128

WEAR LEVELS / ADDITIVES

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
ELEMENTAL ANALYSIS (ppm)					
Cu	Copper	0	0	0	1
Fe	Iron	53	38	1	351
Cr	Chromium	3	3	0	15
Al	Aluminum	9	9	0	65
Pb	Lead	0	0	0	0
Sn	Tin	0	0	0	0
Si	Silicon	51	54	1	445
Na	Sodium	4	4	4	7
K	Potassium	1	3	0	19
Mo	Molybdenum	0	1	0	4
Ni	Nickel	0	0	0	3
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	4
V	Vanadium	0	0	0	0
Ca	Calcium	526	563	241	3355
P	Phosphorus	349	373	273	890
Zn	Zinc	107	105	1	1149
Mg	Magnesium	6	7	1	30
Ba	Barium	0	0	0	1
B	Boron	92	89	89	2

INFRARED (UFM)

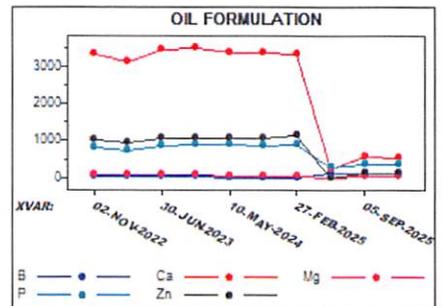
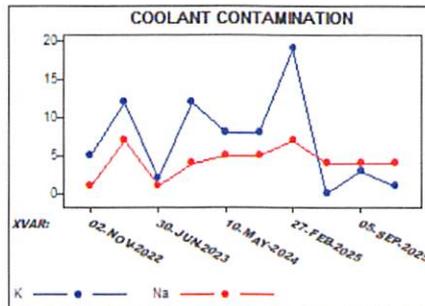
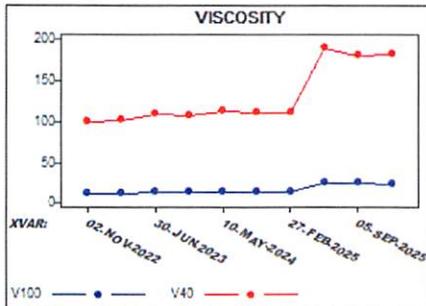
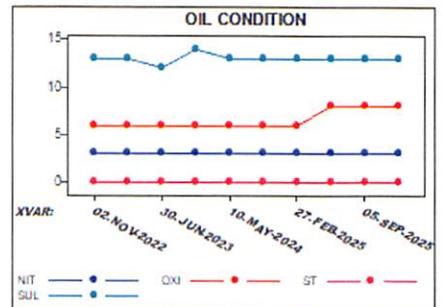
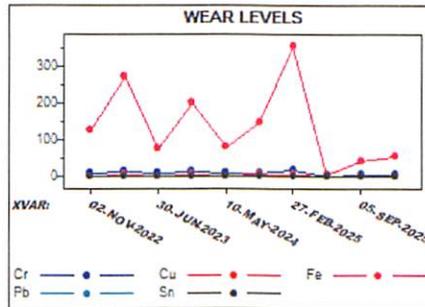
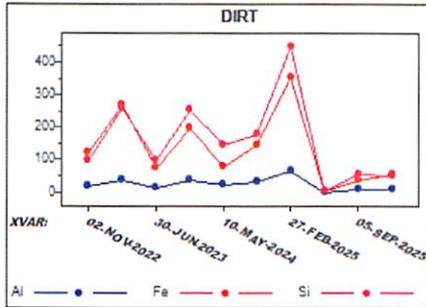
		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
ST	Soot	0	0	0	0
OXI	Oxidation	8	8	8	6
SUL	Sulfate By-Product	13	13	13	13
NIT	Nitration	3	3	3	3

WATER

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
W	Water	N	N	N	N

CLEANLINESS

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
PARTICLE COUNT					
ISO	ISO Code Rating	DEBRIS	23/21/15	21/18/15	BLH
PC Ra	PC Rating	B1			
4µ	4µ		51787	12833	
6µ	6µ		14951	2390	
10µ	10µ		811	474	
14µ	14µ		209	168	
18µ	18µ		94	80	
21µ	21µ		63	49	
38µ	38µ		16	6	
50µ	50µ		11	2	



Report Comment

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HYDRAULIC SYSTEM

EQUIP NUM: 7869

SERIAL NUMBER: K1R00172

N030-56016-0741

LABEL#: 202115977

SAMPLE SHIP TIME (days) : 10

PIDHERNEYS INC

RECEIVED DATE: 16-Jan-26

CAT D6T



No Action Required

Interp By: Aron Balines
Interpreted On: 20-Jan-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

	06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
Sampled Date	06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
Sample Id	N030-56016-0741	N030-55260-0897	N030-55204-0570	N030-55071-0678
Lab Date	16-Jan-26	17-Sep-25	23-Jul-25	12-Mar-25
Meter [Hr]	9000.0	8537.0	8139.0	7605.0
Comp Meter [Hr]				7605.0
Meter On Fluid	3043.0	2580.0	2182.0	1648.0
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	N
Filter Change	Y	Y	Y	Y

CONDITION / CONTAMINATION

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	7.400	7.400	7.500	7.400
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	45.90	46.10	46.70	46.70
VISCOSITY INDEX					
VI	Viscosity Index	125	124	125	121

WEAR LEVELS / ADDITIVES

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
ELEMENTAL ANALYSIS (ppm)					
Cu	Copper	6	5	5	4
Fe	Iron	11	11	10	8
Cr	Chromium	1	1	1	1
Al	Aluminum	5	4	4	3
Pb	Lead	2	2	2	0
Sn	Tin	0	0	0	0
Si	Silicon	12	12	11	8
Na	Sodium	1	1	2	1
K	Potassium	1	2	1	1
Mo	Molybdenum	6	7	7	7
Ni	Nickel	0	0	0	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Ca	Calcium	834	905	885	876
P	Phosphorus	802	779	761	731
Zn	Zinc	1062	1060	949	950
Mg	Magnesium	124	138	137	126
Ba	Barium	0	0	0	0
B	Boron	3	12	11	11

INFRARED (UFM)

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
ST	Soot	0	0	0	0
OXI	Oxidation	6	6	6	6
SUL	Sulfate By-Product	14	14	15	14
NIT	Nitration	3	3	3	3

WATER

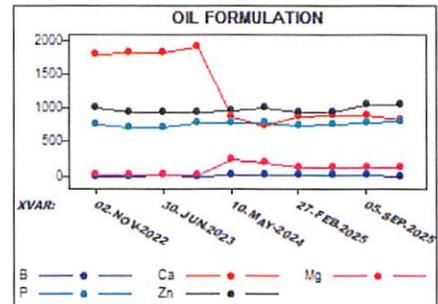
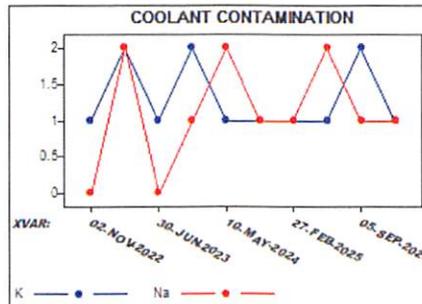
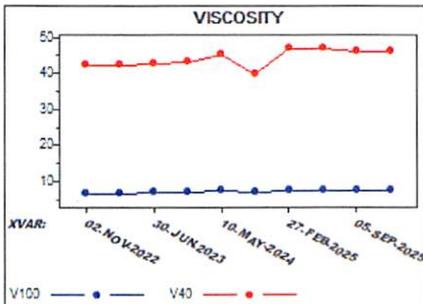
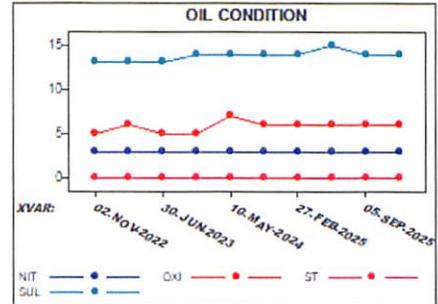
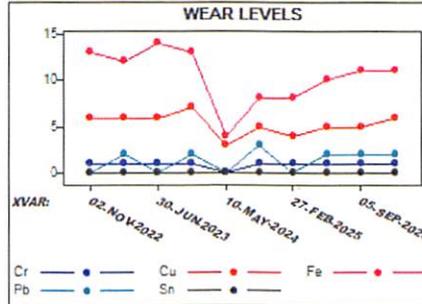
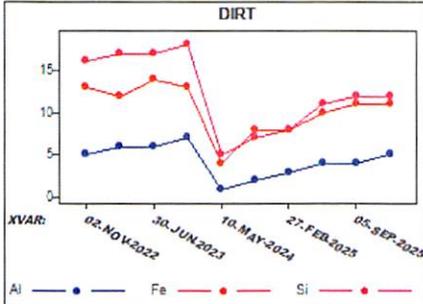
		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
W	Water	N	N	N	N

ANTIFREEZE

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
A	Antifreeze	N	N	N	N

CLEANLINESS

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
PARTICLE COUNT					
ISO	ISO Code Rating	19/17/14	19/17/14	21/19/15	21/19/15
4µ	4µ	4786	4829	10506	18255
6µ	6µ	1271	1141	2700	2647
10µ	10µ	371	268	684	612
14µ	14µ	153	91	268	189
18µ	18µ		39	127	65
21µ	21µ	49	20	76	35
38µ	38µ	3	2	17	2
50µ	50µ		1	9	1



Report Comment

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TRANSMISSION POWER

SHIFT

N030-56016-0711
 LABEL#: 202116129
 SAMPLE SHIP TIME (days) : 10
PIDHERNEYS INC
 RECEIVED DATE: 16-Jan-26

EQUIP NUM: 7869

CAT D6T



No Comment

SERIAL NUMBER: K1R00172

Interp By: Aron Balines
 Interpreted On: 20-Jan-26

ALL WEAR METAL READINGS TESTED AT 0-2PPM, A NEW OIL MAY HAVE BEEN SUBMITTED FOR ANALYSIS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
Sampled Date	06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
Sample Id	N030-56016-0711	N030-55260-0900	N030-55204-0214	N030-55071-0679
Lab Date	16-Jan-26	17-Sep-25	23-Jul-25	12-Mar-25
Meter [Hr]	9000.0	8537.0	8139.0	7605.0
Comp Meter [Hr]				7605.0
Meter On Fluid	861.0	398.0	908.0	374.0
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	N	N	Y	N
Filter Change	Y	Y	Y	Y

CONDITION / CONTAMINATION

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	14.20	14.20	14.20	13.90
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	104.6	104.1	103.1	105.0
VISCOSITY INDEX					
VI	Viscosity Index	138	139	140	133

WEAR LEVELS / ADDITIVES

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	0	1	0	3
K	Potassium	0	0	1	0
Si	Silicon	3	3	4	3
Al	Aluminum	1	0	0	0
Fe	Iron	2	7	1	9
Cr	Chromium	0	0	0	0
Pb	Lead	0	0	0	2
Cu	Copper	0	49	0	264
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	1058	1117	1041	1007
Ca	Calcium	3285	3321	3270	3070
Mg	Magnesium	9	10	11	13
Ba	Barium	0	0	0	0
B	Boron	0	4	4	5
Mo	Molybdenum	1	22	32	2
P	Phosphorus	837	873	845	857

INFRARED (UFM)

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
ST	Soot	0	0	0	0
OXI	Oxidation	6	6	6	6
SUL	Sulfate By-Product	12	14	13	12
NIT	Nitration	3	4	3	4

ANTIFREEZE

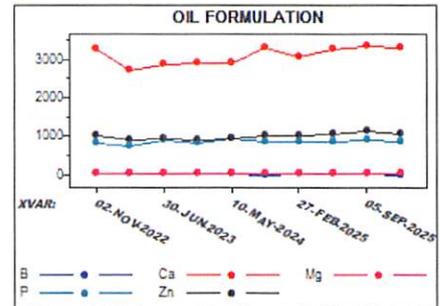
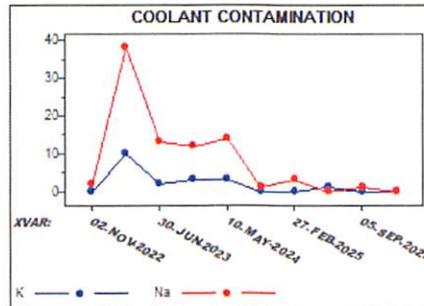
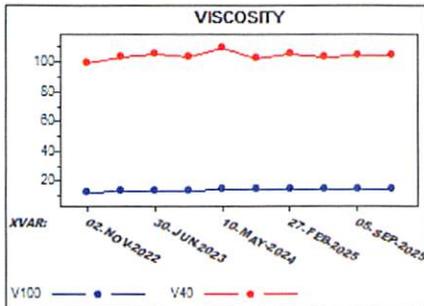
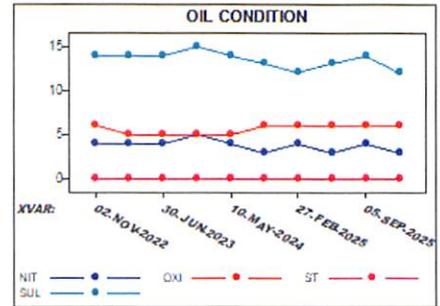
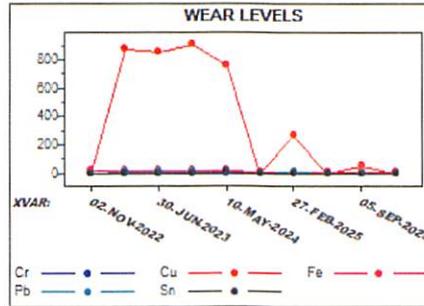
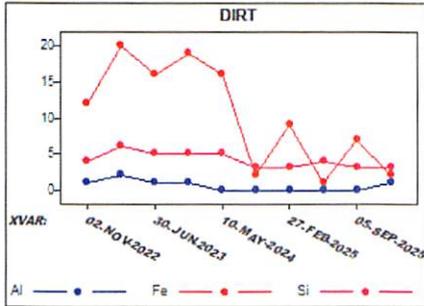
		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
A	Antifreeze	N	N	N	N

WATER

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
W	Water	N	N	N	N

CLEANLINESS

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
PARTICLE COUNT					
ISO	ISO Code Rating	22/20/11	20/17/14	22/21/16	21/18/14
4µ	4µ	31947	6219	33557	16133
6µ	6µ	6724	879	12646	1499
10µ	10µ	254	258	2121	284
14µ	14µ	18	119	458	103
18µ	18µ		64	104	43
21µ	21µ	4	42	34	23
38µ	38µ	1	4	1	2
50µ	50µ		2	0	1



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.

INAL DRIVE REAR LEFT

EQUIP NUM: 7869

SERIAL NUMBER: K1R00172

N030-56016-0750

LABEL#: 202114285

SAMPLE SHIP TIME (days) : 10

PIDHERNEYS INC

RECEIVED DATE: 16-Jan-26

CAT D6T



Monitor Compartment

Interp By: Aron Balines
Interpreted On: 20-Jan-26

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

SAMPLE INFORMATION

	06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
Sampled Date	06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
Sample Id	N030-56016-0750	N030-55260-0872	N030-55204-0866	N030-55071-0675
Lab Date	16-Jan-26	17-Sep-25	23-Jul-25	12-Mar-25
Meter [Hr]	9000.0	8537.0	8139.0	7605.0
Comp Meter [Hr]				7605.0
Meter On Fluid	861.0	398.0	2182.0	1648.0
Fluid Brand	SHELL	CHEVRON	CHEVRON	CHEVRON
Fluid Weight	60	10W-40	10W-40	10W-40
Fluid Type	SPIRAX S6 CFD ME 6	DELO TORQFORCE M	DELO TORQFORCE M	DELO TORQFORCE M
Fluid Change	N	N	Y	N
Filter Change	N	N	N	N

CONDITION / CONTAMINATION

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	22.80	23.00	24.60	14.30
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	176.0	173.7	188.9	112.3
VISCOSITY INDEX					
VI	Viscosity Index	157	160	161	129

WEAR LEVELS / ADDITIVES

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	4	4	3	13
K	Potassium	2	3	0	23
Si	Silicon	66	78	1	531
Al	Aluminum	11	13	0	76
Fe	Iron	76	68	1	483
Cr	Chromium	3	3	0	13
Pb	Lead	0	0	0	0
Cu	Copper	0	0	0	1
Sn	Tin	0	0	0	0
Ni	Nickel	0	0	0	2
Ag	Silver	0	0	0	0
Ti	Titanium	1	1	0	4
V	Vanadium	0	0	0	0
Zn	Zinc	99	97	1	1068
Ca	Calcium	525	534	233	3383
Mg	Magnesium	8	9	1	31
Ba	Barium	0	0	0	1
B	Boron	85	80	89	5
Mo	Molybdenum	1	1	0	4
P	Phosphorus	359	351	276	847

INFRARED (UFM)

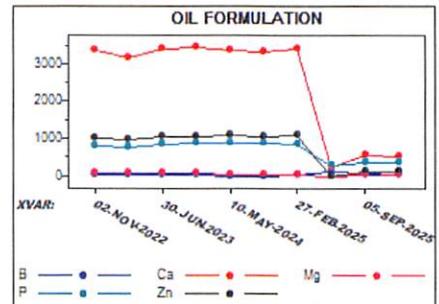
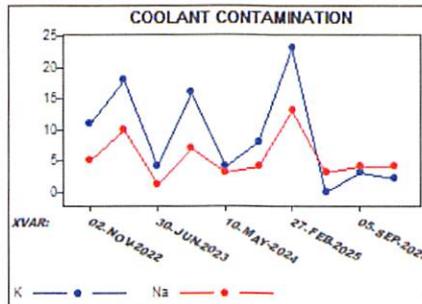
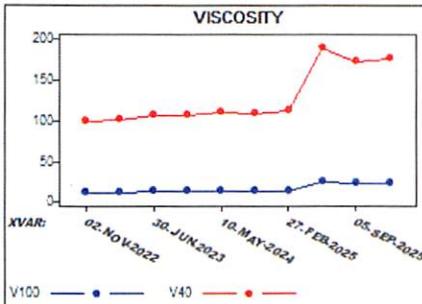
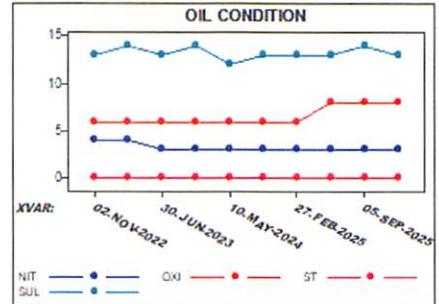
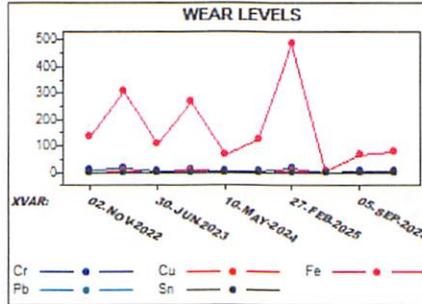
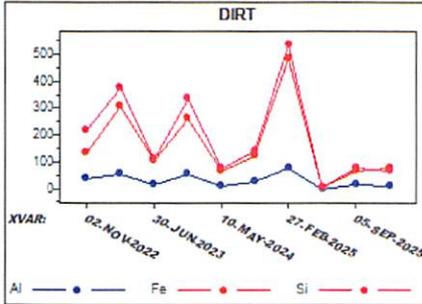
		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
ST	Soot	0	0	0	0
OXI	Oxidation	8	8	8	6
SUL	Sulfate By-Product	13	14	13	13
NIT	Nitration	3	3	3	3

WATER

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
W	Water	N	N	N	N

CLEANLINESS

		06-Jan-26	05-Sep-25	25-Jun-25	27-Feb-25
PARTICLE COUNT					
ISO	ISO Code Rating	23/21/15	23/22/16	21/19/15	BLH
4µ	4µ	67512	59747	16288	
6µ	6µ	18885	30578	3806	
10µ	10µ	1247	2371	619	
14µ	14µ	315	359	191	
18µ	18µ		149	89	
21µ	21µ	70	89	57	
38µ	38µ	6	6	13	
50µ	50µ		2	7	



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.