

208-14
BLUE-MAR



VAL DRIVE REAR LEFT

EQUIP NUM: 7871

SERIAL NUMBER: HMH00305

N030-55328-0663

LABEL#: 201893034

SAMPLE SHIP TIME (days) : 15

PIDHERNEYS INC

RECEIVED DATE: 24-Nov-25

CAT D6T



No Action Required

Interp By: Gregory Scribner

Interpreted On: 28-Nov-25

VISCOSITY IS LOW FOR A 60W. VERIFY OIL GRADE IN USE? UNABLE TO TEST FOR PARTICLE COUNT (ISO CODE) DUE TO SOME VISIBLE PARTICULATE. WEAR METAL ANALYSIS INDICATES ACCEPTABLE WEAR RATE. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
Sampled Date	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
Sample Id	N030-55328-0663	N030-55217-0250	N030-55071-0285	N030-54341-0448
Lab Date	24-Nov-25	05-Aug-25	12-Mar-25	06-Dec-24
Meter [Hr]	8583.0	8076.0	7456.0	7116.0
Comp Meter [Hr]			7456.0	7116.0
Meter On Fluid	4494.0	3987.0	3367.0	3027.0
Fluid Brand	SHELL	SHELL	SHELL	SHELL
Fluid Weight	60	60	60	60
Fluid Type	SPIRAX S6 CFD ME 6			
Fluid Change	N	N	N	N
Filter Change	N	N	N	N

CONDITION / CONTAMINATION

	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
VISCOSITY (Centistokes)				
V100 Viscosity at 100 C	14.00	13.90	14.60	14.70
VISCOSITY (Centistokes)				
V40 Viscosity at 40 C	105.7	105.3	116.7	70.80
VISCOSITY INDEX				
VI Viscosity Index	134	133	128	219

WEAR LEVELS / ADDITIVES

	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	1	1	0	1
K Potassium	0	0	2	4
Si Silicon	14	14	27	27
Al Aluminum	1	1	2	2
Fe Iron	27	20	91	68
Cr Chromium	1	0	2	1
Pb Lead	0	0	0	0
Cu Copper	1	1	1	1
Sn Tin	0	0	0	0
Ni Nickel	0	0	0	0
Ag Silver	0	0	0	0
Ti Titanium	0	0	0	0
V Vanadium	0	0	0	0
Zn Zinc	1122	1075	1039	1023
Ca Calcium	3271	3121	3147	3184
Mg Magnesium	11	11	13	15
Ba Barium	1	1	1	1
B Boron	10	9	16	14
Mo Molybdenum	15	14	2	0
P Phosphorus	890	833	857	864

INFRARED (UFM)

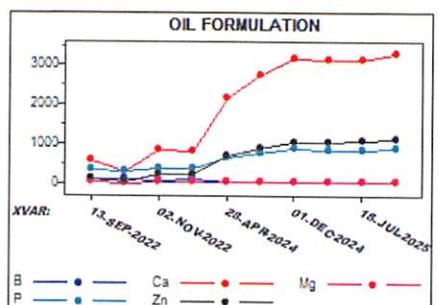
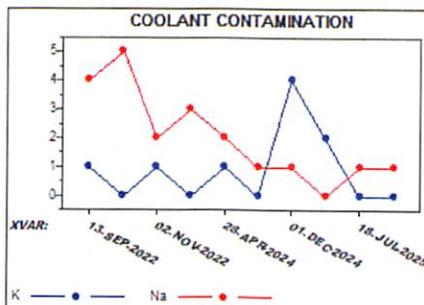
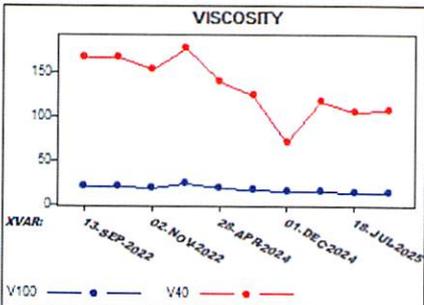
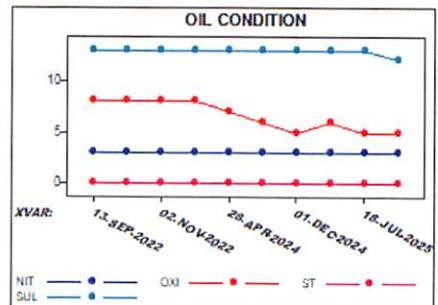
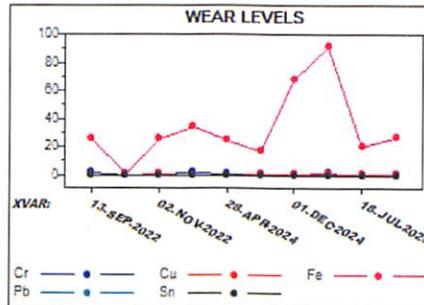
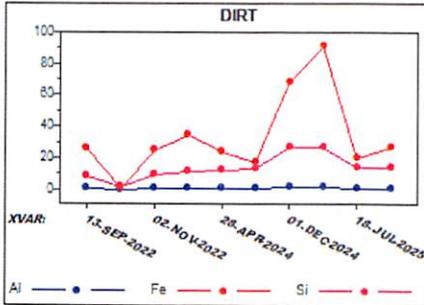
	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
ST Soot	0	0	0	0
OXI Oxidation	5	5	6	5
SUL Sulfate By-Product	12	13	13	13
Sulfur Products	12	13	13	13
NIT Nitration	3	3	3	3

WATER

	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
W Water	N	N	N	N

CLEANLINESS

	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
PARTICLE COUNT				
ISO ISO Code Rating	DEBRIS	23/21/16	23/22/16	23/22/15
PC Ra PC Rating	C1			
4µ 4µ		47075	63794	56300
6µ 6µ		10854	39359	22643
10µ 10µ		1546	6690	875
14µ 14µ		584	615	176
18µ 18µ		267	148	60
21µ 21µ		146	73	35
38µ 38µ		6	2	6
50µ 50µ		1	0	3



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 vLcat.com to update your settings, manage your fleet, configure your jobsites (groups), and view your samples. The ability for users to submit samples, track samples, view and graph sample history, and download reports are coming to VisionLink soon. Have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

AL DRIVE REAR

EQUIP NUM: 7871

SERIAL NUMBER: HMH00305

RIGHT

CAT D6T

N030-55328-0664

No Action Required

Interp By: Gregory Scribner
Interpreted On: 28-Nov-25

LABEL#: 201894301

SAMPLE SHIP TIME (days) : 15

PIDHERNEYS INC

RECEIVED DATE: 24-Nov-25

VISCOSITY IS LOW FOR A 60W. VERIFY OIL GRADE IN USE? UNABLE TO TEST FOR PARTICLE COUNT (ISO CODE) DUE TO SOME VISIBLE PARTICULATE. WEAR METAL ANALYSIS INDICATES ACCEPTABLE WEAR RATE. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
Sampled Date	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
Sample Id	N030-55328-0664	N030-55217-0235	N030-55071-0671	N030-54341-0447
Lab Date	24-Nov-25	05-Aug-25	12-Mar-25	06-Dec-24
Meter [Hr]	8583.0	8076.0	7456.0	7116.0
Comp Meter [Hr]			7456.0	7116.0
Meter On Fluid	4494.0	3987.0	3367.0	3027.0
Fluid Brand	SHELL	SHELL	SHELL	SHELL
Fluid Weight	60	60	60	60
Fluid Type	SPIRAX S6 CFD ME 6			
Fluid Change	N	N	N	N
Filter Change	N	N	N	N

CONDITION / CONTAMINATION

		09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	16.20	16.30	19.30	19.10
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	125.4	127.5	151.5	148.4
VISCOSITY INDEX					
VI	Viscosity Index	138	137	146	147

WEAR LEVELS / ADDITIVES

		09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	1	2	2	3
K	Potassium	0	1	1	3
Si	Silicon	21	18	26	26
Al	Aluminum	2	2	2	1
Fe	Iron	52	51	106	79
Cr	Chromium	1	1	2	2
Pb	Lead	0	0	0	0
Cu	Copper	0	0	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	832	830	488	513
Ca	Calcium	2415	2456	1532	1649
Mg	Magnesium	10	10	10	11
Ba	Barium	1	1	1	1
B	Boron	33	32	60	62
Mo	Molybdenum	10	9	1	0
P	Phosphorus	717	702	609	561

INFRARED (UFM)

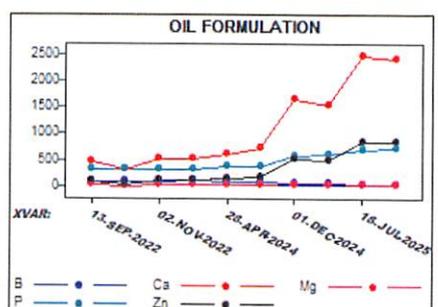
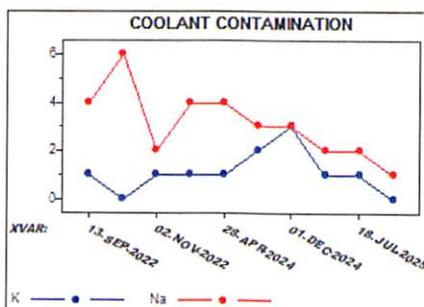
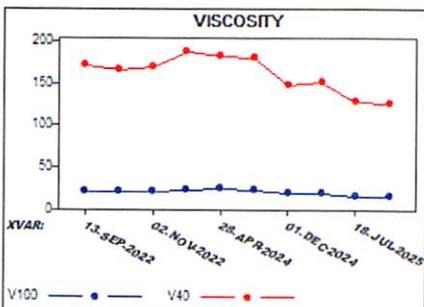
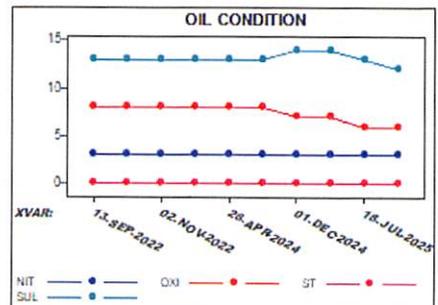
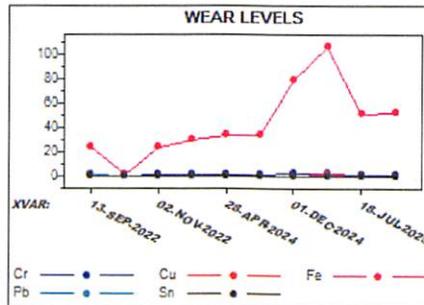
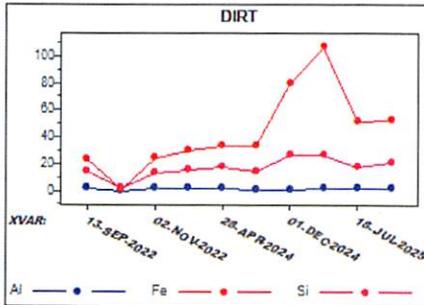
		09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
ST	Soot	0	0	0	0
OXI	Oxidation	6	6	7	7
SUL	Sulfate By-Product	12	13	14	14
	Sulfur Products	12	13	14	14
NIT	Nitration	3	3	3	3

WATER

		09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
W	Water	N	N	N	N

CLEANLINESS

		09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
PARTICLE COUNT					
ISO	ISO Code Rating	DEBRIS	23/22/15	23/23/17	23/22/14
PC Ra	PC Rating	B2			
4µ	4µ		57743	64050	55587
6µ	6µ		21127	43071	22580
10µ	10µ		905	10213	736
14µ	14µ		259	867	116
18µ	18µ		116	110	43
21µ	21µ		63	44	25
38µ	38µ		3	2	4
50µ	50µ		1	0	2



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 vlcat.com to update your settings, manage your fleet, configure your jobsites (groups), and view your samples. The ability for users to submit samples, track samples, view and graph sample history, and download reports are coming to VisionLink soon. Have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

SINE

EQUIP NUM: 7871

SERIAL NUMBER: HMM00305

CAT D6T

 No Action Required

Interp By: Gregory Scribner
Interpreted On: 28-Nov-25

N030-55328-0665

LABEL#: 201892545

SAMPLE SHIP TIME (days) : 15

PIDHERNEYS INC

RECEIVED DATE: 24-Nov-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

	09-Nov-25	29-Sep-25	18-Jul-25	27-May-25
Sampled Date	09-Nov-25	29-Sep-25	18-Jul-25	27-May-25
Sample Id	N030-55328-0665	N030-55293-0897	N030-55217-0271	N030-55163-0735
Lab Date	24-Nov-25	20-Oct-25	05-Aug-25	12-Jun-25
Meter [Hr]	8583.0	8225.0	8076.0	7687.0
Comp Meter [Hr]				7687.0
Meter On Fluid	507.0	149.0	620.0	231.0
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

		09-Nov-25	29-Sep-25	18-Jul-25	27-May-25
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	15.20	15.50	15.40	15.30
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	92.40	94.80	95.00	92.10
VISCOSITY INDEX					
VI	Viscosity Index	174	174	172	176

WEAR LEVELS / ADDITIVES

		09-Nov-25	29-Sep-25	18-Jul-25	27-May-25
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	7	4	8	6
K	Potassium	4	2	4	2
Si	Silicon	8	5	8	4
Al	Aluminum	3	1	3	1
Fe	Iron	27	11	36	12
Cr	Chromium	1	0	1	0
Pb	Lead	2	1	8	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	885	821	905	854
Ca	Calcium	1388	1242	1413	1347
Mg	Magnesium	694	637	728	686
Ba	Barium	0	0	0	0
B	Boron	37	57	26	54
Mo	Molybdenum	3	2	1	0
P	Phosphorus	721	703	704	726

INFRARED (UFM)

		09-Nov-25	29-Sep-25	18-Jul-25	27-May-25
ST	Soot	111	48	146	51
OXI	Oxidation	15	12	16	13
SUL	Sulfate By-Product	23	20	26	20
NIT	Nitration	10	8	11	9

ANTIFREEZE

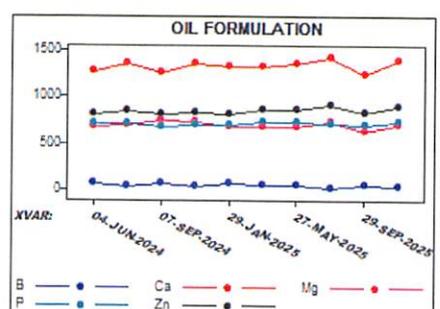
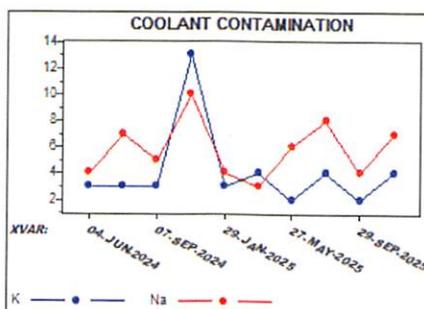
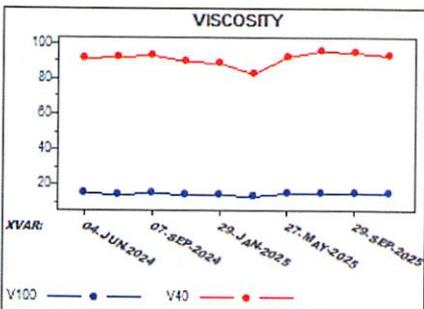
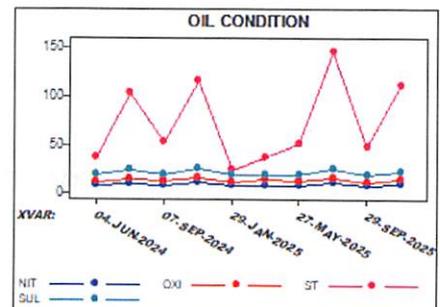
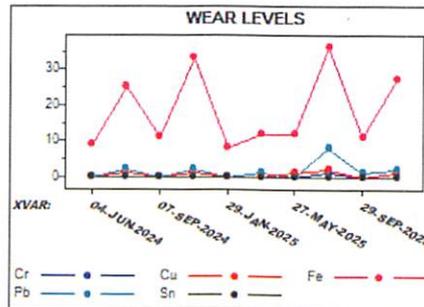
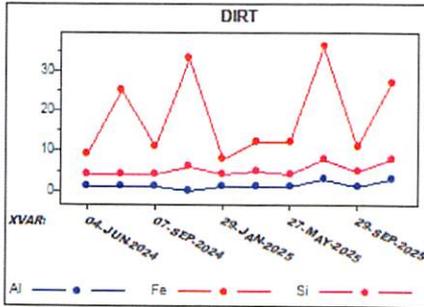
		09-Nov-25	29-Sep-25	18-Jul-25	27-May-25
A	Antifreeze	N	N	N	N

FUEL

		09-Nov-25	29-Sep-25	18-Jul-25	27-May-25
F	Fuel	N	N	N	N

WATER

		09-Nov-25	29-Sep-25	18-Jul-25	27-May-25
W	Water	N	N	N	N



Report Comment

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HYDRAULIC SYSTEM

EQUIP NUM: 7871

SERIAL NUMBER: HMM0305

N030-55328-0666

LABEL#: 201893105

SAMPLE SHIP TIME (days) : 15

PIDHERNEYS INC

RECEIVED DATE: 24-Nov-25

CAT D6T



No Action Required

Interp By: Gregory Scribner
Interpreted On: 28-Nov-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

	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
Sampled Date	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
Sample Id	N030-55328-0666	N030-55217-0217	N030-55071-0673	N030-54341-0450
Lab Date	24-Nov-25	05-Aug-25	12-Mar-25	06-Dec-24
Meter [Hr]	8583.0	8076.0	7456.0	7116.0
Comp Meter [Hr]			7456.0	7116.0
Meter On Fluid	2891.0	2384.0	1764.0	1424.0
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	N

CONDITION / CONTAMINATION

	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
VISCOSITY (Centistokes)				
V100 Viscosity at 100 C	6.700	6.600	6.600	6.600
VISCOSITY (Centistokes)				
V40 Viscosity at 40 C	40.80	40.30	40.20	40.00
VISCOSITY INDEX				
VI Viscosity Index	119	117	117	118

WEAR LEVELS / ADDITIVES

	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	0	1	0	1
K Potassium	0	1	0	1
Si Silicon	7	5	4	3
Al Aluminum	3	2	1	1
Fe Iron	25	22	21	14
Cr Chromium	2	2	3	1
Pb Lead	0	0	0	0
Cu Copper	4	3	2	1
Sn Tin	0	0	0	0
Ni Nickel	0	0	0	0
Ag Silver	0	0	1	0
Ti Titanium	0	0	0	0
V Vanadium	0	0	0	0
Zn Zinc	902	954	874	880
Ca Calcium	346	335	319	316
Mg Magnesium	18	19	19	20
Ba Barium	0	0	0	0
B Boron	2	4	3	3
Mo Molybdenum	2	1	1	0
P Phosphorus	663	689	656	667

INFRARED (UFM)

	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
ST Soot	0	0	0	0
OXI Oxidation	5	5	5	5
SUL Sulfate By-Product	13	14	14	13
Sulfur Products	13	14	14	13
NIT Nitration	2	2	2	2

ANTIFREEZE

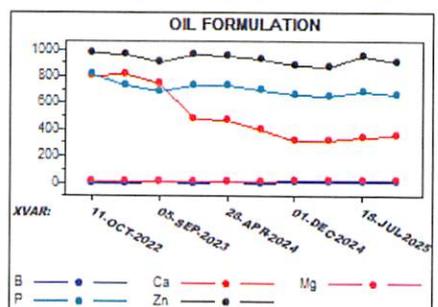
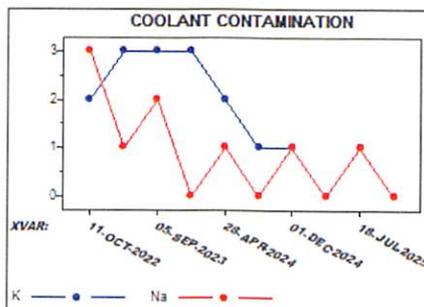
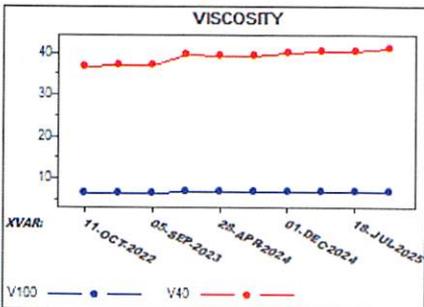
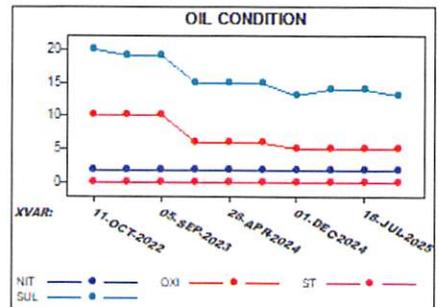
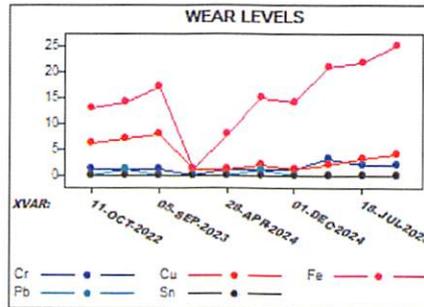
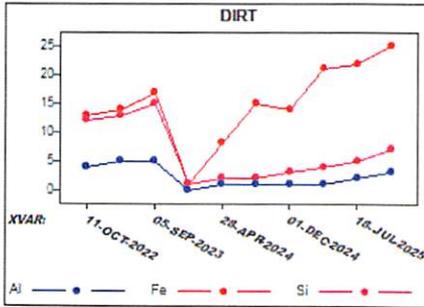
	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
A Antifreeze	N	N	N	N

WATER

	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
W Water	N	N	N	N

CLEANLINESS

	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
PARTICLE COUNT				
ISO ISO Code Rating	20/18/16	20/18/15	22/18/14	18/14/11
4µ 4µ	5406	6284	24416	2171
6µ 6µ	2333	1788	1572	135
10µ 10µ	975	519	414	25
14µ 14µ	517	207	152	13
18µ 18µ	279	87	66	9
21µ 21µ	165	44	40	7
38µ 38µ	6	3	5	3
50µ 50µ	1	1	2	2



Report Comment

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TRANSMISSION POWER

EQUIP NUM: 7871

SERIAL NUMBER: HMH00305

SHIFT

CAT D6T

N030-55328-0667

 **No Action Required**

Interp By: Gregory Scribner
Interpreted On: 28-Nov-25

LABEL#: 201894585

SAMPLE SHIP TIME (days) : 15

PIDHERNEYS INC

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

RECEIVED DATE: 24-Nov-25

SAMPLE INFORMATION

	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
Sampled Date	09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
Sample Id	N030-55328-0667	N030-55217-0236	N030-55071-0256	N030-54341-0451
Lab Date	24-Nov-25	05-Aug-25	12-Mar-25	06-Dec-24
Meter [Hr]	8583.0	8076.0	7456.0	7116.0
Comp Meter [Hr]			7456.0	7116.0
Meter On Fluid	507.0	960.0	340.0	195.0
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	Y	N	Y
Filter Change	Y	Y	Y	Y

CONDITION / CONTAMINATION

		09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	14.20	14.30	13.50	14.10
VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	104.9	105.5	102.8	102.0
VISCOSITY INDEX					
VI	Viscosity Index	138	138	130	141

WEAR LEVELS / ADDITIVES

		09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	0	0	0	0
K	Potassium	0	1	1	3
Si	Silicon	6	3	6	4
Al	Aluminum	1	0	0	0
Fe	Iron	3	1	3	1
Cr	Chromium	0	0	0	0
Pb	Lead	0	0	0	0
Cu	Copper	0	0	0	0
Sn	Tin	0	0	0	0
Ni	Nickel	0	0	0	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1132	1111	1069	1117
Ca	Calcium	3435	3406	3108	3413
Mg	Magnesium	10	10	11	12
Ba	Barium	0	0	1	0
B	Boron	3	5	5	5
Mo	Molybdenum	14	25	18	22
P	Phosphorus	884	858	893	903

INFRARED (UFM)

		09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
ST	Soot	0	0	0	0
OXI	Oxidation	5	6	6	6
SUL	Sulfate By-Product	11	12	13	13
	Sulfur Products	11	12	13	13
NIT	Nitration	3	3	3	3

ANTIFREEZE

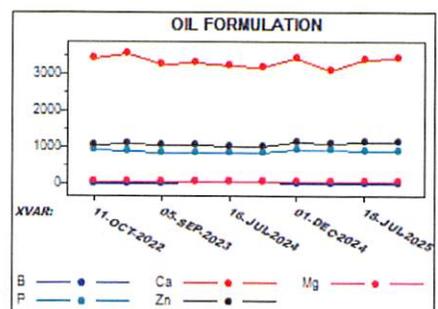
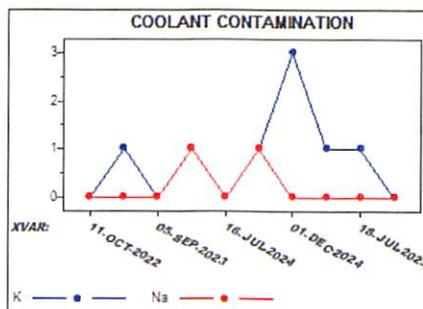
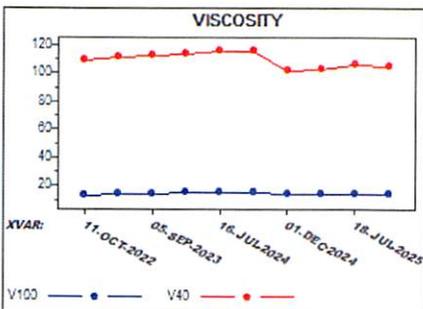
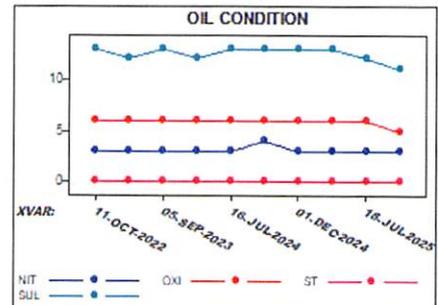
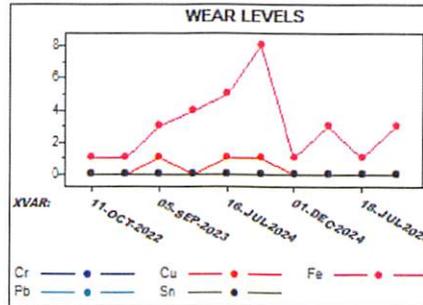
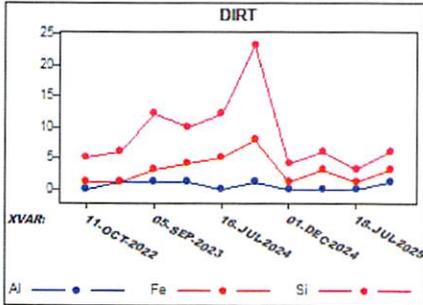
		09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
A	Antifreeze	N	N	N	N

WATER

		09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
W	Water	N	N	N	N

CLEANLINESS

		09-Nov-25	18-Jul-25	26-Feb-25	01-Dec-24
PARTICLE COUNT					
ISO	ISO Code Rating	18/16/14	22/20/15	20/16/12	22/20/11
4µ	4µ	1908	31389	5792	23353
6µ	6µ	435	9655	404	6254
10µ	10µ	170	1371	86	218
14µ	14µ	111	309	35	19
18µ	18µ	83	73	17	5
21µ	21µ	69	28	11	3
38µ	38µ	19	3	1	0
50µ	50µ	9	2	0	0



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.