

Customer Information
ALBERTA MOBILE POWER SYSTEMS LTD
103-3906-71 AVE
LEDUC
ALBERTA, T9E 0R8
Attention : Nathan Binks
Phone : (780) 224-0995

Equipment Information
Unit # : ST-005
Component : ENGINE
Location :
Unit Mfr/Model : DODGE / 5500
Unit Serial # : 306W076A58G217021
Comp Mfr/Model : CUMMINS / 6.7L
Comp Serial # :

Lubricant
Manufacturer : PETRO-CANADA
Brand : DURON UHP
Grade : 5W40
Sample # : 2025/01/02-1079
Lab Tracking # : 59A8 - 3219

EB42-1

Sample		Wear Metals ppm														Additives ppm		
Sample Number	Sample Date	Aluminum	Iron	Copper	Lead	Tin	Chromium	Nickel	Titanium	Silver	Vanadium	Antimony	Beryllium	Manganese	Cadmium	Calcium	Zinc	Phosphorus
Ref. Sample	2020/07/02	0	1	0	0	0	0	0	0	0	0	1	0			916	1209	1111
01/02-1079	2024/12/24	3	22	0	0	0	1	0	0	0	0	0	0	0	0	789	1135	1095
07/15-1173	2024/07/11	4	14	0	0	0	0	0	0	0	0	0	0	0	0	868	1213	1082
06/12-1024	2024/05/27	5	25	1	0	0	1	0	0	0	0	0	0	0	0	907	1507	1075
11/30-887	2023/11/28	2	7	0	0	0	0	0	0	0	0	0	0	0	0	1014	1232	1095

Sample Information								Contaminants ppm			Physical Tests						
Sample Date	Oil Mfr.	Oil Brand	Oil Grade	Component Service	Oil Service	Units	Oil Chg	Sodium	Potassium	Silicon	Visc 40°C cSt	Visc 100°C cSt	Visc Index	Water	Glycol %	Fuel %	
Ref. Sample	PET	DUR UHP	5W40					1	1	6	86.6	13.82	164			0	
2024/12/24	PET	DUR UHP	5W40	~402778	~19984		Y	4	2	7		14.63		N	NT	NT	
2024/07/11	PET	DUR UHP	5W40	~382794	~7202		Y	3	5	6		14.54		N	NT	NT	
2024/05/27	PET	DUR UHP	5W40	~375592	~12789		Y	4	3	9		14.60		N	NT	NT	
2023/11/28	PET	DUR UHP	5W40	~362803			Y	4	2	4	94.6	14.35	157	N	NT	NT	

Results
2024/12/24 Tested wear and contamination levels are within acceptable limits.
2024/07/11 Tested wear and contamination levels are within acceptable limits.
2024/05/27 Tested wear and contamination levels are within acceptable limits.
2023/11/28 Assuming normal oil service life, tested wear and contamination are within acceptable limits.

Recommendations
2024/12/24 Resample next interval to monitor.
2024/07/11 Resample next interval to monitor.
2024/05/27 Resample next interval to monitor.
2023/11/28 Resample next interval to monitor.

Key: Y - Yes N - Negative P - Positive R - Reportable U - Unacceptable S - Severe I - Insufficient Sample - Data could not be provided NT - Not Triggered

Results relate only to the samples tested, all testing is done at the above address unless stated. This is presented in abbreviated format. Additional information is available upon request. The Fluid Life Corporation shall not be liable for any loss of profits, business, damages, or fitness of purpose, related to this oil analysis report.

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Additional Tests

Sul (DT) (Abs/0.1mm)
19.7
22.0
21.2
25.8
21.2

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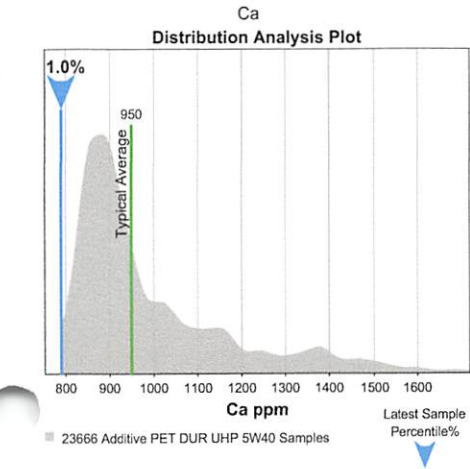
Your Sample Rank



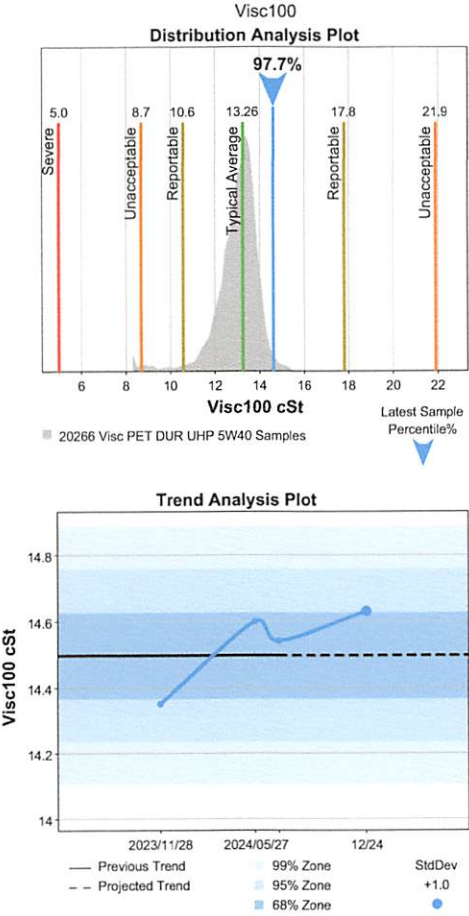
Sample rank ranges from zero to ten. The higher the sample rank, the more abnormal the sample results are.

Top Trends Analysis

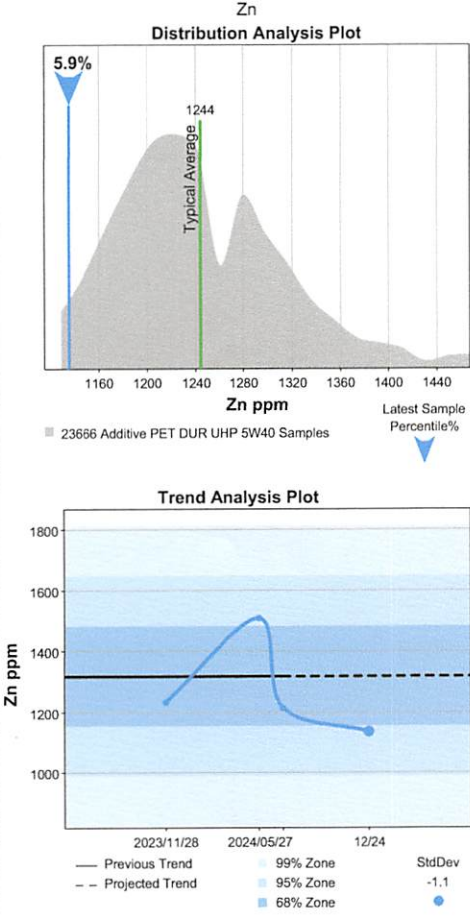
Ca Test Rank **5.2**



Visc100 Test Rank **4.6**



Zn Test Rank **4.3**



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