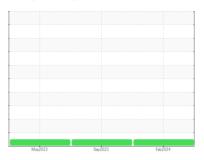


OIL ANALYSIS REPORT

(AU394U) Supermarket - Tractor FREIGHTLINER 107A1804

Component **Diesel Engine**

PETRO CANADA DURON SHP 10W30 (11 GAL)



Sample Rating Trend



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

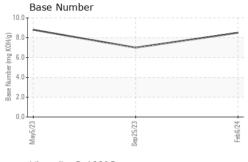
Fluid Condition

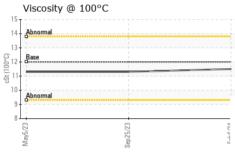
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

- P	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age mls Client Info 198361 185500 172175 Oil Age mls Client Info 12861 13325 12108 Oil Changed Sample Status Client Info Changed Changed NORMAL NORMAL NORMAL NORMAL CONTAMINATION method limit/base current history1 history2 Fuel WC Method >5 <1.0 <1.0 <1.0 Water WC Method >0.2 NEG NEG NEG Riccolor WC Method NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron pm ASTM D5185m >80 9 18 9 Chromium ppm ASTM D5185m >20 <1 <1 Chromium ppm ASTM D5185m >20 <1 <1 Chromium ppm ASTM D5185m >30 0 0 0 Cilver <t< th=""><th>Sample Number</th><th></th><th>Client Info</th><th></th><th>PCA0116972</th><th>PCA0104098</th><th>PCA0097060</th></t<>	Sample Number		Client Info		PCA0116972	PCA0104098	PCA0097060
Oil Age mls Client Info 12861 13325 12108 Oil Changed Client Info Changed Not Chan	Sample Date		Client Info		06 Feb 2024	25 Sep 2023	05 May 2023
Oil Changed Sample Status Client Info Changed NORMAL Changed NORMAL Not Changed NORMAL Not Changed NORMAL NoRMAL	Machine Age	mls	Client Info		198361	185500	172175
Sample Status	Oil Age	mls	Client Info		12861	13325	12108
CONTAMINATION method limit/base current history1 history2 Fuel WC Method >5 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	Oil Changed		Client Info		Changed	Changed	Not Changd
Fuel WC Method S5 C1.0 C1.0 C1.0 C1.0 Water WC Method S0.2 NEG Neg	Sample Status				NORMAL	NORMAL	NORMAL
Water Glycol WC Method >0.2 NEG NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >80 9 18 9 Chromium ppm ASTM D5185m >55 <1	CONTAMINATI	ION	method	limit/base	current	history1	history2
Second WC Method MEG NEG NEG	Fuel		WC Method	>5	<1.0	<1.0	<1.0
WEAR METALS	Water		WC Method	>0.2	NEG	NEG	NEG
Iron	Glycol		WC Method		NEG	NEG	NEG
Chromium ppm ASTM D5185m >5 <1	WEAR METALS	S	method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>80	9	18	9
Nickel	Chromium	• •	ASTM D5185m	>5	<1	1	<1
Titanium ppm ASTM D5185m 0 0 0 Silver ppm ASTM D5185m >3 0 0 0 Aluminum ppm ASTM D5185m >30 2 6 5 Lead ppm ASTM D5185m >30 0 0 0 Copper ppm ASTM D5185m >150 6 12 8 Tin ppm ASTM D5185m >5 0 2 2 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 8 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 8 0 0 0	Nickel				0	<1	<1
Silver ppm ASTM D5185m >3 0 0 0 Aluminum ppm ASTM D5185m >30 2 6 5 Lead ppm ASTM D5185m >30 0 0 0 Copper ppm ASTM D5185m >150 6 12 8 Tin ppm ASTM D5185m 0 2 2 2 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 8 0 0 Barium ppm ASTM D5185m 0 8 0 0 Molydenum ppm ASTM D5185m 50 63 70 66 Manganesium ppm ASTM D5185m 1050 11028 1122 <	Titanium		ASTM D5185m		0		0
Aluminum	Silver		ASTM D5185m	>3	0	0	0
Lead ppm ASTM D5185m >30 0 0 0 Copper ppm ASTM D5185m >150 6 12 8 Tin ppm ASTM D5185m >5 0 2 2 2 Vanadium ppm ASTM D5185m 0 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 2 23 7 18 Barium ppm ASTM D5185m 0 8 0 0 Molybdenum ppm ASTM D5185m 50 63 70 66 Manganese ppm ASTM D5185m 50 810 946 965 Calcium ppm ASTM D5185m 1050 1028 1122 1159 Phosphorus ppm ASTM D5185m <th>Aluminum</th> <th>• •</th> <th>ASTM D5185m</th> <th>>30</th> <th>2</th> <th>6</th> <th>5</th>	Aluminum	• •	ASTM D5185m	>30	2	6	5
Copper ppm ASTM D5185m >150 6 12 8 Tin ppm ASTM D5185m >5 0 2 2 Vanadium ppm ASTM D5185m 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 2 23 7 18 Barium ppm ASTM D5185m 0 8 0 0 Molybdenum ppm ASTM D5185m 50 63 70 66 Manganese ppm ASTM D5185m 0 0 <1 <1 Magnesium ppm ASTM D5185m 950 810 946 965 Calcium ppm ASTM D5185m 905 889 1020 1076 Zinc ppm ASTM D5185m 1180 1121 1284 1337 <th>Lead</th> <th></th> <th>ASTM D5185m</th> <th>>30</th> <th>0</th> <th>0</th> <th>0</th>	Lead		ASTM D5185m	>30	0	0	0
Tin ppm ASTM D5185m >5 0 2 2 Vanadium ppm ASTM D5185m 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 2 23 7 18 Barium ppm ASTM D5185m 0 8 0 0 Molybdenum ppm ASTM D5185m 50 63 70 66 Manganese ppm ASTM D5185m 0 0 <1	Copper	• •	ASTM D5185m	>150	6	12	8
Vanadium ppm ASTM D5185m 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 2 23 7 18 Barium ppm ASTM D5185m 0 8 0 0 Molybdenum ppm ASTM D5185m 50 63 70 66 Manganese ppm ASTM D5185m 50 63 70 66 Magnesium ppm ASTM D5185m 950 810 946 965 Calcium ppm ASTM D5185m 1050 1028 1122 1159 Phosphorus ppm ASTM D5185m 995 889 1020 1076 Zinc ppm ASTM D5185m 2600 2872 2936 3813 CONTAMINANTS method limit/base current history1		ppm	ASTM D5185m	>5	0	2	2
Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 2 23 7 18 Barium ppm ASTM D5185m 0 8 0 0 Molybdenum ppm ASTM D5185m 50 63 70 66 Manganese ppm ASTM D5185m 50 63 70 66 Manganesium ppm ASTM D5185m 950 810 946 965 Calcium ppm ASTM D5185m 950 810 946 965 Calcium ppm ASTM D5185m 1050 1028 1122 1159 Phosphorus ppm ASTM D5185m 995 889 1020 1076 Zinc ppm ASTM D5185m 2600 2872 2936 3813 CONTAMINANTS	Vanadium	• •	ASTM D5185m		0	0	0
Boron ppm ASTM D5185m 2 23 7 18 Barium ppm ASTM D5185m 0 8 0 0 Molybdenum ppm ASTM D5185m 50 63 70 66 Manganese ppm ASTM D5185m 0 0 <1	Cadmium	ppm	ASTM D5185m		0	0	0
Barium ppm ASTM D5185m 0 8 0 0 Molybdenum ppm ASTM D5185m 50 63 70 66 Manganese ppm ASTM D5185m 50 0 <1	ADDITIVES		ام مطلم مما	limit/baco	ou urro mt	hiotomit	0، سواوا وا
Molybdenum ppm ASTM D5185m 50 63 70 66 Manganese ppm ASTM D5185m 0 0 <1	ADDITIVES		method	IIIIIIIIIIIII	current	flistory i	nistoryz
Manganese ppm ASTM D5185m 0 0 <1		ppm					
Magnesium ppm ASTM D5185m 950 810 946 965 Calcium ppm ASTM D5185m 1050 1028 1122 1159 Phosphorus ppm ASTM D5185m 995 889 1020 1076 Zinc ppm ASTM D5185m 995 889 1020 1076 Zinc ppm ASTM D5185m 2600 2872 2936 3813 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 4 6 4 Sodium ppm ASTM D5185m >20 4 5 4 Potassium ppm ASTM D5185m >20 4 5 4 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7624 >20 6.8 8.4 6.8 Sulfation Abs/.1mm *ASTM D7415<	Boron	• •	ASTM D5185m	2	23	7	18
Calcium ppm ASTM D5185m 1050 1028 1122 1159 Phosphorus ppm ASTM D5185m 995 889 1020 1076 Zinc ppm ASTM D5185m 1180 1121 1284 1337 Sulfur ppm ASTM D5185m 2600 2872 2936 3813 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 4 6 4 Sodium ppm ASTM D5185m >20 4 5 4 Potassium ppm ASTM D5185m >20 4 5 4 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.7 0.4 Nitration Abs/cm *ASTM D7415 >30 18.6 20.4 18.9 FLUID DEGRADATION *ASTM D74	Boron Barium	ppm	ASTM D5185m ASTM D5185m	2	23 8	7	18
Phosphorus ppm ASTM D5185m 995 889 1020 1076 Zinc ppm ASTM D5185m 1180 1121 1284 1337 Sulfur ppm ASTM D5185m 2600 2872 2936 3813 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 4 6 4 Sodium ppm ASTM D5185m >20 4 5 4 Potassium ppm ASTM D5185m >20 4 5 4 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.7 0.4 Nitration Abs/cm *ASTM D7415 >30 18.6 20.4 18.9 FLUID DEGRADATION *ASTM D7414 >25 13.9 15.7 14.0	Boron Barium Molybdenum	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	2 0 50	23 8 63	7 0 70	18 0 66
Zinc ppm ASTM D5185m 1180 1121 1284 1337 Sulfur ppm ASTM D5185m 2600 2872 2936 3813 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 4 6 4 Sodium ppm ASTM D5185m >20 4 5 4 Potassium ppm ASTM D5185m >20 4 5 4 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.7 0.4 Nitration Abs/cm *ASTM D7624 >20 6.8 8.4 6.8 Sulfation Abs/.1mm *ASTM D7415 >30 18.6 20.4 18.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm	Boron Barium Molybdenum Manganese	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	2 0 50 0	23 8 63 0	7 0 70 <1	18 0 66 <1
Sulfur ppm ASTM D5185m 2600 2872 2936 3813 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 4 6 4 Sodium ppm ASTM D5185m >20 4 5 4 Potassium ppm ASTM D5185m >20 4 5 4 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.7 0.4 Nitration Abs/cm *ASTM D7624 >20 6.8 8.4 6.8 Sulfation Abs/.1mm *ASTM D7415 >30 18.6 20.4 18.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.9 15.7 14.0	Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	2 0 50 0 950	23 8 63 0 810	7 0 70 <1 946	18 0 66 <1 965
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 4 6 4 Sodium ppm ASTM D5185m 0 1 <1 Potassium ppm ASTM D5185m >20 4 5 4 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.7 0.4 Nitration Abs/cm *ASTM D7624 >20 6.8 8.4 6.8 Sulfation Abs/.1mm *ASTM D7415 >30 18.6 20.4 18.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.9 15.7 14.0	Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	2 0 50 0 950 1050	23 8 63 0 810 1028	7 0 70 <1 946 1122	18 0 66 <1 965 1159
Silicon ppm ASTM D5185m >20 4 6 4 Sodium ppm ASTM D5185m 0 1 <1	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	2 0 50 0 950 1050 995	23 8 63 0 810 1028 889	7 0 70 <1 946 1122 1020	18 0 66 <1 965 1159 1076
Sodium ppm ASTM D5185m 0 1 <1	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	2 0 50 0 950 1050 995 1180	23 8 63 0 810 1028 889 1121	7 0 70 <1 946 1122 1020 1284	18 0 66 <1 965 1159 1076
Potassium ppm ASTM D5185m >20 4 5 4 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.7 0.4 Nitration Abs/cm *ASTM D7624 >20 6.8 8.4 6.8 Sulfation Abs/.1mm *ASTM D7415 >30 18.6 20.4 18.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.9 15.7 14.0	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	2 0 50 0 950 1050 995 1180 2600	23 8 63 0 810 1028 889 1121 2872	7 0 70 <1 946 1122 1020 1284 2936	18 0 66 <1 965 1159 1076 1337 3813
INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.7 0.4 Nitration Abs/cm *ASTM D7624 >20 6.8 8.4 6.8 Sulfation Abs/.1mm *ASTM D7415 >30 18.6 20.4 18.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.9 15.7 14.0	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	2 0 50 0 950 1050 995 1180 2600	23 8 63 0 810 1028 889 1121 2872	7 0 70 <1 946 1122 1020 1284 2936 history1	18 0 66 <1 965 1159 1076 1337 3813 history2
Soot % % *ASTM D7844 >3 0.4 0.7 0.4 Nitration Abs/cm *ASTM D7624 >20 6.8 8.4 6.8 Sulfation Abs/.1mm *ASTM D7415 >30 18.6 20.4 18.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.9 15.7 14.0	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	2 0 50 0 950 1050 995 1180 2600 limit/base	23 8 63 0 810 1028 889 1121 2872 current	7 0 70 <1 946 1122 1020 1284 2936 history1 6 1	18 0 66 <1 965 1159 1076 1337 3813 history2
Nitration Abs/cm *ASTM D7624 >20 6.8 8.4 6.8 Sulfation Abs/.1mm *ASTM D7415 >30 18.6 20.4 18.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.9 15.7 14.0	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	2 0 50 0 950 1050 995 1180 2600 limit/base	23 8 63 0 810 1028 889 1121 2872 current 4	7 0 70 <1 946 1122 1020 1284 2936 history1 6 1	18 0 66 <1 965 1159 1076 1337 3813 history2 4 <1
Sulfation Abs/.1mm *ASTM D7415 >30 18.6 20.4 18.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.9 15.7 14.0	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	2 0 50 0 950 1050 995 1180 2600 limit/base >20	23 8 63 0 810 1028 889 1121 2872 current 4 0	7 0 70 <1 946 1122 1020 1284 2936 history1 6 1	18 0 66 <1 965 1159 1076 1337 3813 history2 4 <1
FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 13.9 15.7 14.0	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	2 0 50 0 950 1050 995 1180 2600 limit/base >20	23 8 63 0 810 1028 889 1121 2872 current 4 0 4	7 0 70 <1 946 1122 1020 1284 2936 history1 6 1 5	18 0 66 <1 965 1159 1076 1337 3813 history2 4 <1 4
Oxidation Abs/.1mm *ASTM D7414 >25 13.9 15.7 14.0	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot %	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method *ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	2 0 50 0 950 1050 995 1180 2600 limit/base >20 	23 8 63 0 810 1028 889 1121 2872 current 4 0 4	7 0 70 <1 946 1122 1020 1284 2936 history1 6 1 5 history1 0.7	18 0 66 <1 965 1159 1076 1337 3813 history2 4 <1 4 history2 0.4
	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method *ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	2 0 50 0 950 1050 995 1180 2600 limit/base >20 >20 limit/base	23 8 63 0 810 1028 889 1121 2872 current 4 0 4 current 0.4 6.8	7 0 70 <1 946 1122 1020 1284 2936 history1 6 1 5 history1 0.7 8.4	18 0 66 <1 965 1159 1076 1337 3813 history2 4 <1 4 history2 0.4 6.8
Base Number (BN) mg KOH/g ASTM D2896 8.5 7.0 8.8	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m Method ASTM D5185m Method *ASTM D7844 *ASTM D7624 *ASTM D76145	2 0 50 0 950 1050 995 1180 2600 limit/base >20 >20 limit/base >3 >20 >30	23 8 63 0 810 1028 889 1121 2872 current 4 0 4 current 0.4 6.8 18.6	7 0 70 <1 946 1122 1020 1284 2936 history1 6 1 5 history1 0.7 8.4 20.4	18 0 66 <1 965 1159 1076 1337 3813 history2 4 <1 4 history2 0.4 6.8 18.9
	Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation FLUID DEGRAE	ppm	ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method *ASTM D7844 *ASTM D7624 *ASTM D7415 Method	2 0 50 0 950 1050 995 1180 2600 limit/base >20 >20 limit/base >3 >20 >3 limit/base	23 8 63 0 810 1028 889 1121 2872 current 4 0 4 current 0.4 6.8 18.6 current	7 0 70 <1 946 1122 1020 1284 2936 history1 6 1 5 history1 0.7 8.4 20.4 history1	18 0 66 <1 965 1159 1076 1337 3813 history2 4 <1 4 6.8 18.9 history2



OIL ANALYSIS REPORT

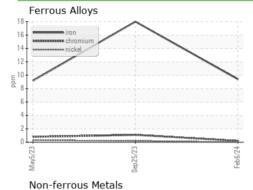


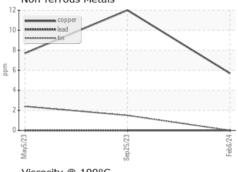


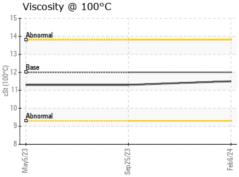
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

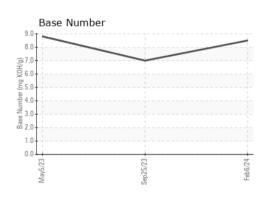
FLUID PROPE	RHES	method	ilmit/base		nistory i	nistory2
Visc @ 100°C	cSt	ASTM D445	12.00	11.5	11.3	11.3

GRAPHS











Certificate L2367

Laboratory Sample No.

Lab Number : 06088478 Unique Number : 10875923 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0116972

Received **Tested** Diagnosed

: 14 Feb 2024 : 15 Feb 2024

: 15 Feb 2024 - Wes Davis

Transervice - Shop 1071 - Supermarket-Dayton 60 A Tower Road

Dayton, NJ US 08810 Contact: Brian Quinn

bquinn@transervice.com T:

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Report Id: TSV1071 [WUSCAR] 06088478 (Generated: 02/15/2024 10:29:30) Rev: 1

F: