

OIL ANALYSIS REPORT

Sample Rating Trend



Area (TB7713) 928054

Diesel Engine

Fluid PETRO CANADA DURON SHP 15W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

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.

Sample Number Client Info 29 Mar 2024 21 Dec 2023 26 Cl 2023 Machine Age hrs Client Info 14543 1371 13498 Oil Age hrs Client Info 0 0 0 Oil Age hrs Client Info Changed Changed Changed Changed Sample Status Nethod >5 <1.0 <1.0 NoRMAL NORMAL <th>SAMPLE INFORM</th> <th>MATION</th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 14543 13871 13498 Oil Age hrs Client Info 0 0 0 Oil Changed Client Info 0 0 0 0 Sample Status Imit/base current History1 History2 Fuel WC Method >5 <1.0 <1.0 <1.0 Water WC Method >0.2 NEG NEG NEG Glycol WC Method >0.2 NEG NEG NEG Chromium ppm ASTM D5185m >100 5 2 8 Chromium ppm ASTM D5185m >20 0 <1 0 Nickel ppm ASTM D5185m >20 2 2 4 Lead ppm ASTM D5185m >30 <1 0 0 Aluminum ppm ASTM D5185m >30 <1 0 0 Cadmium ppm ASTM D5185m	Sample Number		Client Info		GFL0106243	GFL0066998	GFL0066995
Oil Age hrs Client Info 0 0 0 Oil Changed Client Info Changed Changed Changed Sample Status Imit/base current NoRMAL NORMAL CONTAMINATION method limit/base current history1 history2 Fuel WC Method >5 <1.0 <1.0 <1.0 Water WC Method >0 NEG NEG NEG Glycol WC Method >0 0 <1 0 Vater ppm ASTM D5185m >100 5 2 8 Chromium ppm ASTM D5185m >20 0 0 0 Nickel ppm ASTM D5185m >20 2 4 0 Tatanium ppm ASTM D5185m >30 <1 0 0 Copper ppm ASTM D5185m >30 <1 0 0 Cadmium ppm ASTM D5185m 0	Sample Date		Client Info		29 Mar 2024	21 Dec 2023	26 Oct 2023
Oil Changed Sample StatusClient InfoChanged NORMALChanged NORMALChanged NORMALCONTAMINATIONmethodlinit/basecurrenthistory1history2FuelWC Method>0.2NEGNEGNEGGlycolWC Method>0.2NEGNEGNEGWEAR METALSmethodInit/basecurrenthistory1history2IronppmASTM D5185m>100528ChromiumppmASTM D5185m>400<1NickelppmASTM D5185m>4000SilverppmASTM D5185m>30<10AuminumppmASTM D5185m>30<111TinppmASTM D5185m>30<110AdminumppmASTM D5185m>30<111TinppmASTM D5185m>30<110AdminumppmASTM D5185m0<100ADDITIVESmethodImit/basecurrenthistory1history2BoronppmASTM D5185m0<1135BariumppmASTM D5185m0<100MagneseppmASTM D5185m0<110292MagneseppmASTM D5185m1010958931944CalciumppmASTM D5185m1001271246	Machine Age	hrs	Client Info		14543	13871	13498
Sample Status NORMAL NORMAL NORMAL NORMAL NORMAL CONTAMINATION method imit/base current history1 history2 Fuel WC Method >5 <1.0 <1.0 <1.0 Water WC Method >0.2 NEG NEG NEG Glycol WC Method NEG NEG NEG NEG WEAR METALS method Imit/base current history1 history2 Iron ppm ASTM D5185m >100 5 2 8 Chromium ppm ASTM D5185m >20 0 0 <1 Nickel ppm ASTM D5185m >3 0 <1 0 Aluminum ppm ASTM D5185m >30 <1 <1 1 Ini ppm ASTM D5185m >30 <1 <1 0 Current ppm ASTM D5185m 0 <1 3 5 Ininin	Oil Age	hrs	Client Info		0	0	0
CONTAMINATION method limit/base current history1 history2 Fuel WC Method >5 <1.0 <1.0 <1.0 <1.0 Water WC Method >0.2 NEG NEG NEG Glycol WC Method NEG NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >20 0 0 <1 0 Nickel ppm ASTM D5185m >20 0 0 0 0 Silver ppm ASTM D5185m >20 2 2 4 Lead ppm ASTM D5185m >20 2 1 1 Tin ppm ASTM D5185m >30 <1 0 0 Cadmium ppm ASTM D5185m >30 <1 0 0 Cadmium ppm ASTM D5185m 0 <1 0	Oil Changed		Client Info		Changed	Changed	Changed
Fuel WC Method >5 <1.0	Sample Status				NORMAL	NORMAL	NORMAL
Water WC Method >0.2 NEG NEG NEG NEG Glycol WC Method NEG NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >100 5 2 8 Chromium ppm ASTM D5185m >4 0 <1 0 Nickel ppm ASTM D5185m >3 0 <1 0 Silver ppm ASTM D5185m >20 2 2 4 Lead ppm ASTM D5185m >20 2 2 4 Lead ppm ASTM D5185m >20 2 1 1 Tin ppm ASTM D5185m >20 2 2 4 Lead ppm ASTM D5185m 0 <1 0 0 Copper ppm ASTM D5185m 0 <1 0 0 C	CONTAMINAT	ION	method	limit/base	current	history1	history2
Glycol WC Method NEG NEG NEG WeAR METALS method imit/base current history1 history2 Iron ppm ASTM D5185m >20 0 0 <1 Nickel ppm ASTM D5185m >20 0 0 <1 Nickel ppm ASTM D5185m >4 0 <1 0 Aluminum ppm ASTM D5185m >3 0 <1 0 Aluminum ppm ASTM D5185m >20 2 2 4 Lead ppm ASTM D5185m >30 <1 0 0 Vanadium ppm ASTM D5185m >10 <1 0 0 Vanadium ppm ASTM D5185m 0 <1 0 0 Vanadium ppm ASTM D5185m 0 <1 0 0 Vanadium ppm ASTM D5185m 0 <1 0 0	Fuel		WC Method	>5	<1.0	<1.0	<1.0
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >100 5 2 8 Chromium ppm ASTM D5185m >20 0 0 <1 Nickel ppm ASTM D5185m >4 0 <1 0 Silver ppm ASTM D5185m >20 2 2 4 Lead ppm ASTM D5185m >30 <1 0 0 Copper ppm ASTM D5185m >300 <1 0 0 Cadadium ppm ASTM D5185m >3300 <1 <1 1 Tin ppm ASTM D5185m 0 <1 0 0 Cadadium ppm ASTM D5185m 0 <1 13 5 Barium ppm ASTM D5185m 0 <1 13 5 Barium ppm ASTM D5185m 0 <1 0 <	Water		WC Method	>0.2	NEG	NEG	NEG
Iron ppm ASTM D5185m >100 5 2 8 Chromium ppm ASTM D5185m >20 0 0 <1 Nickel ppm ASTM D5185m >4 0 <1 0 Silver ppm ASTM D5185m >3 0 <1 0 Aluminum ppm ASTM D5185m >20 2 2 4 Lead ppm ASTM D5185m >20 2 4 1 Lead ppm ASTM D5185m >30 <1 1 1 Tin ppm ASTM D5185m >330 <1 <1 1 Copper ppm ASTM D5185m >15 0 <1 0 0 Cadmium ppm ASTM D5185m 0 <1 13 5 3 Boron ppm ASTM D5185m 0 <1 0 0 0 Molybdenum ppm ASTM D5185m 1010 </th <th>Glycol</th> <th></th> <th>WC Method</th> <th></th> <th>NEG</th> <th>NEG</th> <th>NEG</th>	Glycol		WC Method		NEG	NEG	NEG
Chromium ppm ASTM D5185m >20 0 0 <1	WEAR METAL	S	method	limit/base	current	history1	history2
Nickel ppm ASTM D5185m >4 0 <1	Iron	ppm	ASTM D5185m	>100	5	2	8
Titanium ppm ASTM D5185m 0 0 0 Silver ppm ASTM D5185m >3 0 <1 0 Aluminum ppm ASTM D5185m >20 2 2 4 Lead ppm ASTM D5185m >30 <1 1 1 Copper ppm ASTM D5185m >330 <1 <1 0 Vanadium ppm ASTM D5185m >15 0 <1 0 Cadmium ppm ASTM D5185m 0 <1 0 0 Cadmium ppm ASTM D5185m 0 <1 0 0 Boron ppm ASTM D5185m 0 <1 0 0 Molybdenum ppm ASTM D5185m 0 <1 0 0 Maganese ppm ASTM D5185m 0 <1 0 0 Molybdenum ppm ASTM D5185m 1010 958 931 944	Chromium	ppm	ASTM D5185m	>20	0	0	<1
Titanium ppm ASTM D5185m >3 0 <1	Nickel	ppm	ASTM D5185m	>4	0	<1	0
Aluminum ppm ASTM D5185m >20 2 2 4 Lead ppm ASTM D5185m >40 0 0 0 Copper ppm ASTM D5185m >330 <1 <1 1 Tin ppm ASTM D5185m >15 0 <1 0 Vanadium ppm ASTM D5185m 0 <1 0 0 Cadmium ppm ASTM D5185m 0 <1 10 0 Cadmium ppm ASTM D5185m 0 <1 13 5 Boron ppm ASTM D5185m 0 <1 13 5 Barium ppm ASTM D5185m 0 <1 0 0 Molybdenum ppm ASTM D5185m 0 <1 0 0 Magnanese ppm ASTM D5185m 1010 958 931 944 Calcium ppm ASTM D5185m 1070 1087 10455 <th>Titanium</th> <th>ppm</th> <th>ASTM D5185m</th> <th></th> <th>0</th> <th>0</th> <th>0</th>	Titanium	ppm	ASTM D5185m		0	0	0
Lead ppm ASTM D5185m >40 0 0 0 Copper ppm ASTM D5185m >330 <1 <1 1 Tin ppm ASTM D5185m >15 0 <1 0 Vanadium ppm ASTM D5185m Imit/base 0 <1 0 Cadmium ppm ASTM D5185m 0 <1 1 0 Cadmium ppm ASTM D5185m 0 <1 13 5 Boron ppm ASTM D5185m 0 <1 0 0 Molybdenum ppm ASTM D5185m 0 <1 0 0 Maganese ppm ASTM D5185m 1010 958 931 944 Calcium ppm ASTM D5185m 1010 1087 1045 1125 Phosphorus ppm ASTM D5185m 1270 1257 1246 Sulfur ppm ASTM D5185m 2060 3507 31	Silver	ppm	ASTM D5185m	>3	0	<1	0
Copper ppm ASTM D5185m >330 <1	Aluminum	ppm	ASTM D5185m	>20	2	2	4
Tin ppm ASTM D5185m >15 0 <1	Lead	ppm	ASTM D5185m	>40	0	0	0
Vanadium ppm ASTM D5185m 0 <1	Copper	ppm	ASTM D5185m	>330	<1	<1	1
Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 <1	Tin	ppm	ASTM D5185m	>15	0	<1	0
ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 <1 13 5 Barium ppm ASTM D5185m 0 <1 0 0 Molybdenum ppm ASTM D5185m 60 63 61 65 Manganese ppm ASTM D5185m 0 0 <1 0 Magnesium ppm ASTM D5185m 1010 958 931 944 Calcium ppm ASTM D5185m 1070 1087 1045 1125 Phosphorus ppm ASTM D5185m 1270 1257 1246 Sulfur ppm ASTM D5185m 2060 3507 3109 2779 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 2 4 Sodium ppm ASTM D5185m 20 1	Vanadium	ppm	ASTM D5185m		0	<1	0
Boron ppm ASTM D5185m 0 <1	Cadmium	ppm	ASTM D5185m		0	0	0
Barium ppm ASTM D5185m 0 <1	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 60 63 61 65 Manganese ppm ASTM D5185m 0 0 <1 0 Magnesium ppm ASTM D5185m 1010 958 931 944 Calcium ppm ASTM D5185m 1070 1087 1045 1125 Phosphorus ppm ASTM D5185m 1070 1087 1045 1125 Phosphorus ppm ASTM D5185m 1270 1257 1246 Sulfur ppm ASTM D5185m 2060 3507 3109 2779 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 2 4 Sodium ppm ASTM D5185m >20 1 2 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7624 >20	Boron	ppm	ASTM D5185m	0	<1	13	5
Maganese ppm ASTM D5185m 0 0 <1	Barium	ppm	ASTM D5185m	0	<1	0	0
Magnesium ppm ASTM D5185m 1010 958 931 944 Calcium ppm ASTM D5185m 1070 1087 1045 1125 Phosphorus ppm ASTM D5185m 1150 1012 1052 930 Zinc ppm ASTM D5185m 1270 1270 1257 1246 Sulfur ppm ASTM D5185m 2060 3507 3109 2779 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 2 4 Sodium ppm ASTM D5185m >20 1 1 0 Potassium ppm ASTM D5185m >20 1 2 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.3 0.5 Nitration Abs/.1mm *ASTM D7415	Molybdenum	ppm	ASTM D5185m	60	63	61	65
Calcium ppm ASTM D5185m 1070 1087 1045 1125 Phosphorus ppm ASTM D5185m 1150 1012 1052 930 Zinc ppm ASTM D5185m 1270 1270 1257 1246 Sulfur ppm ASTM D5185m 2060 3507 3109 2779 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 2 4 Sodium ppm ASTM D5185m >20 1 1 0 Potassium ppm ASTM D5185m >20 1 2 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.3 0.5 Nitration Abs/.tmm *ASTM D7624 >20 7.7 6.7 8.4 Sulfation Abs/.tmm *ASTM D7415 <th>Manganese</th> <th>ppm</th> <th>ASTM D5185m</th> <th>0</th> <th>0</th> <th><1</th> <th>0</th>	Manganese	ppm	ASTM D5185m	0	0	<1	0
Phosphorus ppm ASTM D5185m 1150 1012 1052 930 Zinc ppm ASTM D5185m 1270 1270 1257 1246 Sulfur ppm ASTM D5185m 2060 3507 3109 2779 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 2 4 Sodium ppm ASTM D5185m >25 3 2 4 Sodium ppm ASTM D5185m >20 1 1 0 Potassium ppm ASTM D5185m >20 1 2 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7624 >3 0.4 0.3 0.5 Nitration Abs/tmm *ASTM D7624 >20 7.7 6.7 8.4 Sulfation Abs/tmm *ASTM D7415 <th< th=""><th>Magnesium</th><th>ppm</th><th>ASTM D5185m</th><th>1010</th><th>958</th><th>931</th><th>944</th></th<>	Magnesium	ppm	ASTM D5185m	1010	958	931	944
Zinc ppm ASTM D5185m 1270 1270 1257 1246 Sulfur ppm ASTM D5185m 2060 3507 3109 2779 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 2 4 Sodium ppm ASTM D5185m >25 3 2 4 Sodium ppm ASTM D5185m >20 1 1 0 Potassium ppm ASTM D5185m >20 1 2 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.3 0.5 Nitration Abs/cm *ASTM D7624 >20 7.7 6.7 8.4 Sulfation Abs/.tmm *ASTM D7415 >30 20.0 19.1 19.9 FLUID DEGRADATION method limit/base	Calcium	ppm	ASTM D5185m	1070	1087	1045	1125
Sulfur ppm ASTM D5185m 2060 3507 3109 2779 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 3 2 4 Sodium ppm ASTM D5185m >25 3 2 4 Sodium ppm ASTM D5185m >20 1 1 0 Potassium ppm ASTM D5185m >20 1 2 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.3 0.5 Nitration Abs/cm *ASTM D7624 >20 7.7 6.7 8.4 Sulfation Abs/rm *ASTM D7415 >30 20.0 19.1 19.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414	Phosphorus	ppm	ASTM D5185m	1150	1012	1052	930
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>25324SodiumppmASTM D5185m>20110PotassiumppmASTM D5185m>20129INFRA-REDmethodlimit/basecurrenthistory1history2Soot %%*ASTM D7844>30.40.30.5NitrationAbs/cm*ASTM D7624>207.76.78.4SulfationAbs/.imm*ASTM D7415>3020.019.119.9FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2OxidationAbs/.imm*ASTM D7414>2516.214.615.9	Zinc	ppm	ASTM D5185m	1270	1270	1257	1246
Silicon ppm ASTM D5185m >25 3 2 4 Sodium ppm ASTM D5185m >25 1 1 0 Potassium ppm ASTM D5185m >20 1 2 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.3 0.5 Nitration Abs/cm *ASTM D7624 >20 7.7 6.7 8.4 Sulfation Abs/.tmm *ASTM D7415 >30 20.0 19.1 19.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.tmm *ASTM D7414 >25 16.2 14.6 15.9	Sulfur	ppm	ASTM D5185m	2060	3507	3109	2779
Sodium ppm ASTM D5185m 1 1 0 Potassium ppm ASTM D5185m >20 1 2 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.3 0.5 Nitration Abs/cm *ASTM D7624 >20 7.7 6.7 8.4 Sulfation Abs/.1mm *ASTM D7415 >30 20.0 19.1 19.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.2 14.6 15.9	CONTAMINAN	TS	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 1 2 9 INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.3 0.5 Nitration Abs/cm *ASTM D7624 >20 7.7 6.7 8.4 Sulfation Abs/.1mm *ASTM D7415 >30 20.0 19.1 19.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.2 14.6 15.9	Silicon	ppm	ASTM D5185m	>25	3	2	4
INFRA-RED method limit/base current history1 history2 Soot % % *ASTM D7844 >3 0.4 0.3 0.5 Nitration Abs/cm *ASTM D7624 >20 7.7 6.7 8.4 Sulfation Abs/1mm *ASTM D7415 >30 20.0 19.1 19.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/1mm *ASTM D7414 >25 16.2 14.6 15.9	Sodium	ppm	ASTM D5185m		1	1	0
Soot % % *ASTM D7844 >3 0.4 0.3 0.5 Nitration Abs/cm *ASTM D7624 >20 7.7 6.7 8.4 Sulfation Abs/1mm *ASTM D7415 >30 20.0 19.1 19.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/1mm *ASTM D7414 >25 16.2 14.6 15.9	Potassium	ppm	ASTM D5185m	>20	1	2	9
Nitration Abs/cm *ASTM D7624 >20 7.7 6.7 8.4 Sulfation Abs/.1mm *ASTM D7415 >30 20.0 19.1 19.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.2 14.6 15.9	INFRA-RED		method	limit/base	current	history1	history2
Sulfation Abs/.1mm *ASTM D7415 >30 20.0 19.1 19.9 FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.2 14.6 15.9	Soot %	%	*ASTM D7844	>3	0.4	0.3	0.5
FLUID DEGRADATION method limit/base current history1 history2 Oxidation Abs/.1mm *ASTM D7414 >25 16.2 14.6 15.9	Nitration	Abs/cm	*ASTM D7624	>20	7.7	6.7	8.4
Oxidation Abs/.1mm *ASTM D7414 >25 16.2 14.6 15.9	Sulfation	Abs/.1mm	*ASTM D7415	>30	20.0	19.1	19.9
	FLUID DEGRAD	DATION	method	limit/base	current	history1	history2
Base Number (BN) mg KOH/g ASTM D2896 9.8 8.2 8.6 7.6	Oxidation	Abs/.1mm	*ASTM D7414	>25	16.2	14.6	15.9
	Base Number (BN)	mg KOH/g	ASTM D2896	9.8	8.2	8.6	7.6

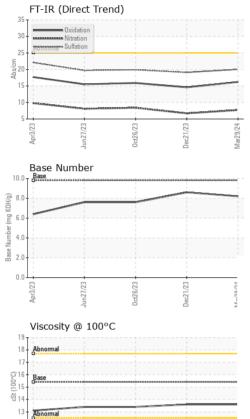


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OIL ANALYSIS REPORT



NONENONENONENONENONENONENONENONENONENONENONENONENONENONENONENONENONENONEILNORMLNORMLNORMLNORMLNORMLNEGNEGNEG			VISUAL		method	limit/base	current	history1	history2
NONE NONE NONE NONE NONE NONE NONE NONE NONE			White Metal	scalar	*Visual	NONE			
NONE NONE NONE NONE NONE NONE NONE NONE NONE			Yellow Metal	scalar	*Visual	NONE			
NONE NONE NONE NONE NONE NONE NONE NONE NONE	1		Precipitate	scalar	*Visual	NONE			
NONE NONE NONE NONE NOR NOR NOR NOR NOR NOR NOR NOR NOR NOR NEG NEG NEG NEG NEG NEG NEG Nase current history1 history2 13.6 13.6 13.4			Silt	scalar	*Visual	NONE			
NONE NONE NONE NONE NORML NEG NEG NEG NEG NEG NEG 13.6 13.6 13.4			Debris	scalar	*Visual	NONE			
IL NORML NORML NORML NORML NG NEG NEG NEG NEG NEG NEG Neg 13.6 13.6 13.4 Base Number	10000000000000000000000000000000000000	Santan Contractor Cont	Sand/Dirt	scalar	*Visual	NONE			
L NORML NORML NORML NORML NEG NEG NEG NEG Dase current history1 history2 13.6 13.6 13.4	- /23 -	/23 -	Appearance	scalar	*Visual	NORML			
NEG NEG NEG NEG NEG NEG NEG Dase current history1 history2 13.6 13.6 13.4	0ct26/23 Dec21/23 Mai29/24	Dec21 Mar29	Odor	scalar	*Visual	NORML			
NEG NEG NEG base current history1 history2 13.6 13.6 13.4		Emulsified Water	scalar	*Visual	>0.2				
pase current history1 history2 13.6 13.6 13.4 Base Number	waaaaaaaaa		Free Water	scalar	*Visual	20.L			
13.6 13.6 13.4			FLUID PROPI			limit/base			
Base Number			Visc @ 100°C	cSt	ASTM D445				
10.0 - Base (0)HOY DU			GRAPHS						
10.0 Base									
10.0 Base			Ferrous Alloys						
10.0 Base	- 23 -	23	iron						
10.0 Base	0ct26/23	Dec21/23	25 - chromium						
10.0 Base			20						
10.0 Base			<u>۾</u> 15						
10.0 Base (0)HOY BL 2.0 0 0.0 0			10						
10.0 T Base (0)HOY B(0) 4.0 2.0 0.0									
10.0 T Base (0)HOY B(0) 4.0 2.0 0.0			5-		\searrow				
10.0 T Base (0)HOY B(0) 4.0 2.0 0.0				53		st:			
10.0 Base			Apr3/23 Jun27/23	0ct26/23	Dec21/23	Mar29/24			
10.0 Base (0)HOY BL 2.0 0 0.0 0					De	M			
10.0 Base (0)HOY BL 2.0 0 0.0 0	23	23	Non-ferrous Meta	als					
10.0 Base (0)HOY BL 2.0 0 0.0 0	0ct26/23	Dec21/23 млалли	copper						
10.0 Base (0)HOY BL 2.0 0 0.0 0	0	L 4	8 - tin						
10.0 Base			6 -						
10.0 Base			E d						
10.0 Base			4						
10.0 Base			2						
10.0 Base									
10.0 Base			0		23	24			
10.0 Base (0)HOY BL 2.0 0 0.0 0			Apr3/23 Jun27/23	0ct26/23	Dec21/23	Mar29/24			
10.0 Base (0)HOY BL 2.0 0 0.0 0		Viscosity @ 100°			2				
(C)(HO) (D) 8.0 6.0 4.0 2.0 0.0		¹⁹			10	Base Number			
4.0 0.0			18 - Abnormal						
0.0			17-						
0.0			Base			Ko			
0.0			© 16 0 15 3 14			E E			
0.0			³ 14			⁴	.0		1
0.0			13 - Abnormal			ase ,			
			12-			2			
Apr3/2 Jun27/2 0cr26/2 Dec21/2			11	<u>67</u>					
A Juri Dec			127/2	126/2	c21/2	rr29/2	.pr3/2	:126/2	c21/2
24 24		Laboratory Sample No. Lab Number Unique Number	: WearCheck USA - 5 : GFL0106243 : 06157492	Rece Teste	ived : 23 ed : 24	7, NC 27513 3 Apr 2024 4 Apr 2024	GFL Env	ironm	
	-	Unique Number Test Package		Diagr	nosed : 24	Apr 2024 - V	ves Davis	Contac	
4 - Wes Davis US 5411 Contact: Travis Rung	icate L2367								

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

Report Id: GFL916 [WUSCAR] 06157492 (Generated: 04/24/2024 11:37:13) Rev: 1

Submitted By: SHEILA IPSEN

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