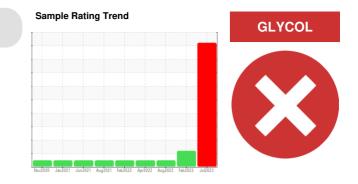


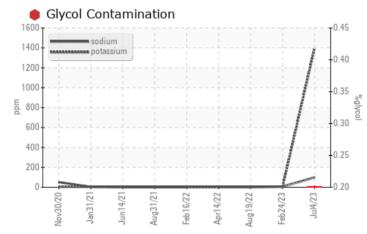
### **PROBLEM SUMMARY**

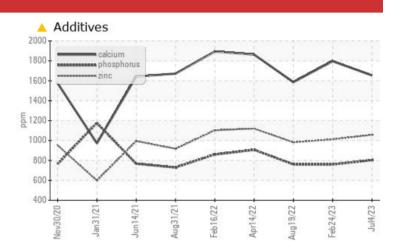


#### Machine Id 910027

Component Diesel Engine Fluid PETRO CANADA DURON SHP 15W40 (8 GAL)

### COMPONENT CONDITION SUMMARY





#### RECOMMENDATION

We advise that you check for the source of the coolant leak. The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.

### PROBLEMATIC TEST RESULTS

THOBLEWINT			<b>U</b>			
Sample Status				SEVERE	ABNORMAL	NORMAL
Magnesium	ppm	ASTM D5185m	1010	🔺 625	598	554
Calcium	ppm	ASTM D5185m	1070	🔺 1654	1796	1587
Sodium	ppm	ASTM D5185m		<u> </u>	7	4
Potassium	ppm	ASTM D5185m	>20	🔺 1401	6	2
Glycol	%	*ASTM D2982		0.20	NEG	NEG

Customer Id: GFL018 Sample No.: GFL0066870 Lab Number: 05891118 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data: Wes Davis +1 905-569-8600 x223 wesd@wearcheck.ca

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED ACTIONS					
Action	Status	Date	Done By	Description	
Resample			?	We recommend an early resample to monitor this condition.	
Check Fluid Source			?	Confirm the source of the lubricant being utilized for top-up/fill.	
Check Glycol Access			?	We advise that you check for the source of the coolant leak.	

#### HISTORICAL DIAGNOSIS



24 Feb 2023 Diag: Don Baldridge

19 Aug 2022 Diag: Don Baldridge

# Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN level is low. The condition of the oil is acceptable for the time in service.



#### NORMAL



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



#### 14 Apr 2022 Diag: Wes Davis



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.





### **OIL ANALYSIS REPORT**

Sample Rating Trend

GLYCOL

X

## Machine Id 910027

Component

Diesel Engine

PETRO CANADA DURON SHP 15W40 (8 GAL)

#### DIAGNOSIS

#### Recommendation

We advise that you check for the source of the coolant leak. The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.

#### Wear

All component wear rates are normal.

#### Contamination

Test for glycol is positive. There is a high concentration of glycol present in the oil.

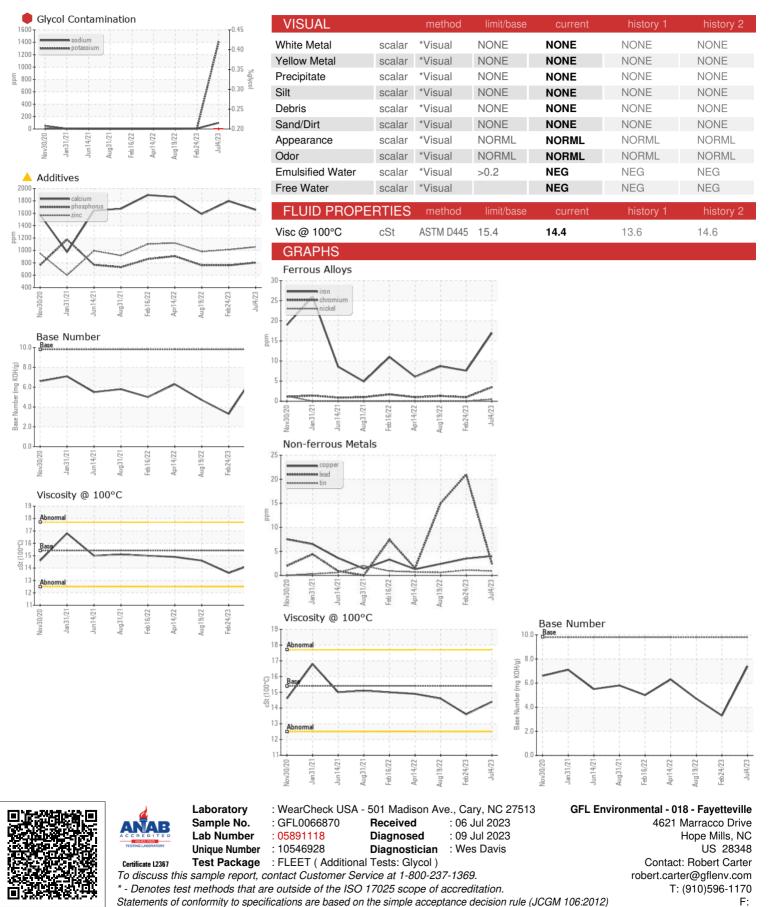
#### Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The oil is no longer serviceable due to the presence of contaminants.

Sample Date     Client Info     04 Jul 2023     24 Feb 2023     19 Aug 2022       Machine Age     hrs     Client Info     2632     2632     2632     2632     2632     150       Oil Age     Client Info     Changed     NORMAL     NORMAL       CONTAMINATION     method     limit/base     current     history 1     history 2     1.0     <1.0     <1.0       WEAR METALS     method     limit/base     current     history 1     history 2      10     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<	AL)		Nov2020 Ja	n2021 Jun2021 Aug2021	Feb 2022 Apr2022 Aug2022 Feb 20	23 Jul2023	
Sample Date     Client Info     04 Jul 2023     24 Feb 2023     19 Aug 2022       Machine Age     hrs     Client Info     2632     2632     2632     2632     2632     2632     150       Oil Age     hrs     Client Info     2632     2632     150     Coloranged     Coloranged     Client Info     Changed     Changed     NORMAL     NORMAL       South Age     VC Method     >3.0     <1.0     <1.0     <1.0     <1.0       VEAR METALS     method     limit/base     current     history 1     history 2       from     ppm     ASTM 051555     >2     <1     0     0       Vickel     ppm     ASTM 051555     >2     0     0     0       Silver     ppm     ASTM 051555     >2     0     0     0     0       Clead     ppm     ASTM 051555     >2     0     0     0     0       Viskel     ppm     ASTM 051555     >2     0     0     0     0     0 <t< th=""><th>SAMPLE INFOF</th><th>RMATION</th><th>method</th><th>limit/base</th><th>current</th><th>history 1</th><th>history 2</th></t<>	SAMPLE INFOF	RMATION	method	limit/base	current	history 1	history 2
Machine Age     hrs     Client Info     2632     2632     2632     150       Oil Age     hrs     Client Info     C632     2632     150       Oil Changed     Client Info     CB32     2632     150       Sample Status     Client Info     SEVERE     ABNORMAL     NORMAL       CONTAMINATION     method     limit/base     current     History 1     History 2       Fuel     WC Method     >3.0     <1.0     <1.0     <1.0       WEAR METALS     method     limit/base     current     History 1     History 2       fron     ppm     ASTM D5185m     >20     4     1     1       Nickel     ppm     ASTM D5185m     >20     2     2     2       Biver     ppm     ASTM D5185m     >20     2     2     2     2       Copper     ppm     ASTM D5185m     >20     2     2     2     2       Cada     ppm     ASTM D5185m     >20     2     2     2 <t< th=""><th>Sample Number</th><th></th><th>Client Info</th><th></th><th>GFL0066870</th><th>GFL0066880</th><th>GFL0055855</th></t<>	Sample Number		Client Info		GFL0066870	GFL0066880	GFL0055855
Machine Age     hrs     Client Info     2632     2632     2632     150       Oil Age     hrs     Client Info     2632     2632     150       Sample Status     Image     Image     ABNORMAL     NORMAL       Sample Status     Image     Image     ABNORMAL     NORMAL       CONTAMINATION     method     Image     current     History 1     History 2       Fuel     WC Method     3.0     <1.0	•		Client Info		04 Jul 2023	24 Feb 2023	19 Aug 2022
Dil Age   hrs   Client Into   2632   2632   150     Changed   Client Info   Changed   Ciant   Alto   Ciant   Ciant<		hrs	Client Info		2632	2632	-
Dil Changed   Client Info   Changed   SEVERE   Changed   Changed   AnnoRMAL     Sample Status   method   limit/base   current   Nistory 1   NoRMAL     CONTAMINATION   method   limit/base   current   Nistory 1   Normal     Fuel   WC Method   >3.0   <1.0	Oil Age	hrs	Client Info		2632	2632	150
CONTAMINATION     method     limit/base     current     history 1     history 2       Fuel     WC Method     >3.0     <1.0	-		Client Info			Changed	Changed
Fuel     WC Method<>3.0     <1.0     <1.0     <1.0       WEAR METALS     method     limit/base     current     history 1     history 2       Iron     ppm     ASTM D5185m     >90     17     8     9       Chromium     ppm     ASTM D5185m     >20     4     1     1       Nickel     ppm     ASTM D5185m     >2     <1     0     <1       Nickel     ppm     ASTM D5185m     >2     <1     0     <1       Silver     ppm     ASTM D5185m     >2     0     0     0     0       Aduminum     ppm     ASTM D5185m     >20     2     2     2     2       Lead     ppm     ASTM D5185m     >330     4     4     2     15       Cadmium     ppm     ASTM D5185m     0     0     0     0     0       ASTM D5185m     0     11     1     <1     1     1       Cadmium     ppm     ASTM D5185m     0 <th< td=""><td>Sample Status</td><td></td><td></td><td></td><th>SEVERE</th><td>ABNORMAL</td><td>NORMAL</td></th<>	Sample Status				SEVERE	ABNORMAL	NORMAL
WEAR METALS     method     limit/base     current     history 1     history 2       Iron     ppm     ASTM D5185m     >90     17     8     9       Chromium     ppm     ASTM D5185m     >20     4     1     1       Nickel     ppm     ASTM D5185m     >2     <1     0     <1       Silver     ppm     ASTM D5185m     >2     0     0     0       Aluminum     ppm     ASTM D5185m     >2     2     2     2       Lead     ppm     ASTM D5185m     >330     4     4     2       Copper     ppm     ASTM D5185m     >15     <1     1     <1       Vanadium     ppm     ASTM D5185m     0     0     0     0       Cadmium     ppm     ASTM D5185m     0     1     1     <1     <1       Vanadium     ppm     ASTM D5185m     0     1     1     <1     <1     <1     <1     <1     1     1     1	CONTAMINAT	ΓΙΟΝ	method	limit/base	current	history 1	history 2
Iron     ppm     ASTM D5185m     >90     17     8     9       Chromium     ppm     ASTM D5185m     >20     4     1     1       Nickel     ppm     ASTM D5185m     >2     <1	Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Prime     ASTM D5185m     >20     4     1     1       Nickel     ppm     ASTM D5185m     >2     <1	WEAR METAI	S	method	limit/base	current	history 1	history 2
Nickel     ppm     ASTM D5185m     >2     <1     0     0       Titanium     ppm     ASTM D5185m     >2     <1	ron	ppm	ASTM D5185m	>90	17	8	9
Titanium   ppm   ASTM D5185m   >2   <1   0   <1     Silver   ppm   ASTM D5185m   >20   2   2   2   2     Aluminum   ppm   ASTM D5185m   >20   2   2   2   2     Lead   ppm   ASTM D5185m   >40   2   21   15     Copper   ppm   ASTM D5185m   >330   4   4   2     Vanadium   ppm   ASTM D5185m   >330   4   4   2     Vanadium   ppm   ASTM D5185m   >330   4   4   2     Vanadium   ppm   ASTM D5185m   0   1   1   <1     Vanadium   ppm   ASTM D5185m   0   12   7   9     Barium   ppm   ASTM D5185m   0   1   1   <1     Maganese   ppm   ASTM D5185m   0   1   1   <1     Maganesium   ppm   ASTM D5185m   1010   654   1796   1587     Phosphorus   ppm   ASTM D5185m   <	Chromium		ASTM D5185m	>20	4	1	1
Fitanium     ppm     ASTM D5185m     >2     <1     0     <1       Silver     ppm     ASTM D5185m     >20     2     2     2       ead     ppm     ASTM D5185m     >20     2     2     2       ead     ppm     ASTM D5185m     >40     2     21     15       Copper     ppm     ASTM D5185m     >330     4     4     2       Vanadium     ppm     ASTM D5185m     >15     <1	Nickel				<1	0	0
AuminumppmASTM D5185m>202222LeadppmASTM D5185m>4022115CopperppmASTM D5185m>330442TinppmASTM D5185m>15<1	Titanium	ppm	ASTM D5185m	>2	<1	0	<1
Auminum     ppm     ASTM D5185m     >20     2     2     2       Lead     ppm     ASTM D5185m     >40     2     21     15       Copper     ppm     ASTM D5185m     >330     4     4     2       Vanadium     ppm     ASTM D5185m     >15     <1	Silver		ASTM D5185m	>2	0	0	0
Lead     ppm     ASTM D5185m     >40     2     21     15       Copper     ppm     ASTM D5185m     >330     4     4     2       Tin     ppm     ASTM D5185m     >15     <1	Aluminum		ASTM D5185m	>20	2	2	2
Copper     ppm     ASTM D5185m     >330     4     4     2       Tin     ppm     ASTM D5185m     >15     <1	Lead		ASTM D5185m	>40	2	21	15
Tin     ppm     ASTM D5185m     >15     <1     1     <1       Vanadium     ppm     ASTM D5185m     0     0     0       Cadmium     ppm     ASTM D5185m     0     0     0       ADDITIVES     method     limit/base     current     history 1     history 2       Boron     ppm     ASTM D5185m     0     12     7     9       Barium     ppm     ASTM D5185m     0     0     0     0       Molybdenum     ppm     ASTM D5185m     0     1     1     <1	Copper		ASTM D5185m	>330	4	4	2
Cadmium     ppm     ASTM D5185m     0     0     0     0       ADDITIVES     method     limit/base     current     history 1     history 2       Boron     ppm     ASTM D5185m     0     12     7     9       Barium     ppm     ASTM D5185m     0     0     0     0     0       Maganese     ppm     ASTM D5185m     0     1     1     <1     <1       Maganesium     ppm     ASTM D5185m     0     1     1     <1     <1       Maganesium     ppm     ASTM D5185m     010     625     598     554       Calcium     ppm     ASTM D5185m     1010     625     598     554       Calcium     ppm     ASTM D5185m     1070     1654     1796     1587       Phosphorus     ppm     ASTM D5185m     1070     1056     1012     981       Sulfur     ppm     ASTM D5185m     2060     3264     2732     24200       Soldium <thp< td=""><td>Tin</td><td>ppm</td><td>ASTM D5185m</td><td>&gt;15</td><th>&lt;1</th><td>1</td><td>&lt;1</td></thp<>	Tin	ppm	ASTM D5185m	>15	<1	1	<1
ADDITIVES     method     limit/base     current     history 1     history 2       Boron     ppm     ASTM D5185m     0     12     7     9       Barium     ppm     ASTM D5185m     0     0     0     0       Molybdenum     ppm     ASTM D5185m     0     11     1     <1	Vanadium	ppm	ASTM D5185m		0	0	0
Boron     ppm     ASTM D5185m     0     12     7     9       Barium     ppm     ASTM D5185m     0     0     0     0       Molybdenum     ppm     ASTM D5185m     60     58     57     55       Manganese     ppm     ASTM D5185m     0     1     1     <1	Cadmium	ppm	ASTM D5185m		0	0	0
Barium     ppm     ASTM D5185m     0     0     0     0     0       Molybdenum     ppm     ASTM D5185m     60     58     57     55       Manganese     ppm     ASTM D5185m     0     1     1     <1       Magnesium     ppm     ASTM D5185m     1010     ▲ 625     598     554       Calcium     ppm     ASTM D5185m     1070     ▲ 1654     1796     1587       Phosphorus     ppm     ASTM D5185m     1070     ▲ 1654     1796     1587       Phosphorus     ppm     ASTM D5185m     1270     1056     1012     981       Sulfur     ppm     ASTM D5185m     1270     1056     1012     981       Sulfur     ppm     ASTM D5185m     2060     3264     2732     2420       CONTAMINANTS     method     limit/base     current     history 1     history 2       Solicon     ppm     ASTM D5185m     >20     1401     6     2       Glycol     %	ADDITIVES		method	limit/base	current	history 1	history 2
Molybdenum     ppm     ASTM D5185m     60     58     57     55       Manganese     ppm     ASTM D5185m     0     1     1     <1	Boron	ppm	ASTM D5185m	0	12	7	9
Manganese   ppm   ASTM D5185m   0   1   1   <1     Magnesium   ppm   ASTM D5185m   1010   625   598   554     Calcium   ppm   ASTM D5185m   1070   1654   1796   1587     Phosphorus   ppm   ASTM D5185m   1070   1654   1796   1587     Phosphorus   ppm   ASTM D5185m   1070   1056   1012   981     Zinc   ppm   ASTM D5185m   1270   1056   1012   981     Sulfur   ppm   ASTM D5185m   2060   3264   2732   2420     CONTAMINANTS   method   limit/base   current   history 1   history 2     Silicon   ppm   ASTM D5185m   >25   10   6   6     Sodium   ppm   ASTM D5185m   >20   1401   6   2     Glycol   %   *ASTM D5185m   >20   1401   6   2     Glycol   %   *ASTM D7848   >6   0.1   0.1   0.1     Nitration   Abs/m	Barium	ppm	ASTM D5185m	0	0	0	0
Magnesium   ppm   ASTM D5185m   1010   ▲ 625   598   554     Calcium   ppm   ASTM D5185m   1070   ▲ 1654   1796   1587     Phosphorus   ppm   ASTM D5185m   1070   ▲ 1654   1796   1587     Phosphorus   ppm   ASTM D5185m   1150   803   759   760     Zinc   ppm   ASTM D5185m   1270   1056   1012   981     Sulfur   ppm   ASTM D5185m   2060   3264   2732   2420     CONTAMINANTS   method   limit/base   current   history 1   history 2     Silicon   ppm   ASTM D5185m   >25   10   6   6     Sodium   ppm   ASTM D5185m   >20   1401   6   2     Glycol   %   *ASTM D5185m   >20   1401   6   2     Glycol   %   *ASTM D5185m   >20   1401   6   2     Glycol   %   *ASTM D7844   >6   0.1   0.1   0.1     Nitration   Abs/rmm*	Molybdenum	ppm	ASTM D5185m	60	58	57	55
Calcium   ppm   ASTM D5185m   1070   ▲ 1654   1796   1587     Phosphorus   ppm   ASTM D5185m   1150   803   759   760     Zinc   ppm   ASTM D5185m   1270   1056   1012   981     Sulfur   ppm   ASTM D5185m   2060   3264   2732   2420     CONTAMINANTS   method   limit/base   current   history 1   history 2     Silicon   ppm   ASTM D5185m   >25   10   6   6     Sodium   ppm   ASTM D5185m   >25   10   6   2     Silicon   ppm   ASTM D5185m   >25   10   6   2     Sodium   ppm   ASTM D5185m   >20   ▲ 1401   6   2     Glycol   %   *ASTM D582   ● 0.20   NEG   NEG     INFRA-RED   method   limit/base   current   history 1   history 2     Soot %   %   *ASTM D7624   >20   11.7   12.1   13.5     Sulfation   Abs/cm   *ASTM D7415	Manganese	ppm	ASTM D5185m	0	1	1	<1
Phosphorus     ppm     ASTM D5185m     1150     803     759     760       Zinc     ppm     ASTM D5185m     1270     1056     1012     981       Sulfur     ppm     ASTM D5185m     2060     3264     2732     2420       CONTAMINANTS     method     limit/base     current     history 1     history 2       Silicon     ppm     ASTM D5185m     >25     10     6     6       Sodium     ppm     ASTM D5185m     >25     10     6     6       Sodium     ppm     ASTM D5185m     >20     1401     6     2       Glycol     %     *ASTM D5185m     >20     1401     6     2       Soot %     %     *ASTM D7844     >6     0.1     0.1     0.1       Nitration     Abs/.mm     *ASTM D7624     >20     11.7     12.1     13.5       Sulfation     Abs/.1mm     *ASTM D7415     >30     23.7     26.5     26.9       FLUID DEGRADATION     method     li	Magnesium	ppm	ASTM D5185m	1010	<b>625</b>	598	554
Zinc     ppm     ASTM D5185m     1270     1056     1012     981       Sulfur     ppm     ASTM D5185m     2060     3264     2732     2420       CONTAMINANTS     method     limit/base     current     history 1     history 2       Silicon     ppm     ASTM D5185m     >25     10     6     6       Sodium     ppm     ASTM D5185m     >25     10     6     2       Solicon     ppm     ASTM D5185m     >20     1401     6     2       Potassium     ppm     ASTM D5185m     >20     1401     6     2       Glycol     %     *ASTM D5885m     >20     1401     6     2       Soot %     %     *ASTM D7842     >0     0.20     NEG     NEG       INFRA-RED     method     limit/base     current     history 1     history 2       Soot %     %     *ASTM D7844     >6     0.1     0.1     0.1       Nitration     Abs/cm     *ASTM D7624     >20	Calcium	ppm	ASTM D5185m	1070	<b>A</b> 1654	1796	1587
SulfurppmASTM D5185m2060326427322420CONTAMINANTSmethodlimit/basecurrenthistory 1history 2SiliconppmASTM D5185m>251066SodiumppmASTM D5185m>251062PotassiumppmASTM D5185m>20140162Glycol%*ASTM D5185m>20140162INFRA-REDmethodlimit/basecurrenthistory 1history 2Soot %%*ASTM D7844>60.10.10.1NitrationAbs/cm*ASTM D7624>2011.712.113.5SulfationAbs/lim*ASTM D7415>3023.726.526.9FLUID DEGRADATIONmethodlimit/basecurrenthistory 1history 2OxidationAbs/lim*ASTM D7414>2517.921.622.8	Phosphorus	ppm	ASTM D5185m	1150	803	759	760
CONTAMINANTS   method   limit/base   current   history 1   history 2     Silicon   ppm   ASTM D5185m<>25   10   6   6     Sodium   ppm   ASTM D5185m   >25   10   6   6     Sodium   ppm   ASTM D5185m   >20   ▲ 1401   6   2     Potassium   ppm   ASTM D5185m   >20   ▲ 1401   6   2     Glycol   %   *ASTM D5185m   >20   ▲ 1401   6   2     Solgrool   %   *ASTM D5185m   >20   ▲ 1401   6   2     INFRA-RED   method   limit/base   current   history 1   history 2     Soot %   %   *ASTM D7844   >6   0.1   0.1   0.1     Nitration   Abs/cm   *ASTM D7624   >20   11.7   12.1   13.5     Sulfation   Abs/.1mm   *ASTM D7415   >30   23.7   26.5   26.9     FLUID DEGRADATION   method   limit/base   current   history 1   history 2     Oxidation   Abs/.1mm	Zinc	ppm	ASTM D5185m	1270	1056	1012	981
Silicon     ppm     ASTM D5185m     >25     10     6     6       Sodium     ppm     ASTM D5185m     >20     4     99     7     4       Potassium     ppm     ASTM D5185m     >20     1401     6     2       Glycol     %     *ASTM D2982     0.20     NEG     NEG       INFRA-RED     method     limit/base     current     history 1     history 2       Soot %     %     *ASTM D7844     >6     0.1     0.1     0.1       Nitration     Abs/cm     *ASTM D7624     >20     11.7     12.1     13.5       Sulfation     Abs/.1mm     *ASTM D7415     >30     23.7     26.5     26.9       FLUID DEGRADATION     method     limit/base     current     history 1     history 2       Oxidation     Abs/.1mm     *ASTM D7414     >25     17.9     21.6     22.8	Sulfur	ppm	ASTM D5185m	2060	3264	2732	2420
Sodium     ppm     ASTM D5185m     ▲ 99     7     4       Potassium     ppm     ASTM D5185m     >20     ▲ 1401     6     2       Glycol     %     *ASTM D2982     ● 0.20     NEG     NEG       INFRA-RED     method     limit/base     current     history 1     history 2       Soot %     %     *ASTM D7844     >6     0.1     0.1     0.1       Nitration     Abs/cm     *ASTM D7624     >20     11.7     12.1     13.5       Sulfation     Abs/.1mm     *ASTM D7415     >30     23.7     26.5     26.9       FLUID DEGRADATION     method     limit/base     current     history 1     history 2       Oxidation     Abs/.1mm     *ASTM D7414     >25     17.9     21.6     22.8	CONTAMINA	NTS	method	limit/base	current	history 1	history 2
Potassium     ppm     ASTM D5185m     >20     1401     6     2       Glycol     %     *ASTM D2982     0.20     NEG     NEG       INFRA-RED     method     limit/base     current     history 1     history 2       Soot %     %     *ASTM D7844     >6     0.1     0.1     0.1       Nitration     Abs/cm     *ASTM D7624     >20     11.7     12.1     13.5       Sulfation     Abs/.1mm     *ASTM D7415     >30     23.7     26.5     26.9       FLUID DEGRADATION     method     limit/base     current     history 1     history 2       Oxidation     Abs/.1mm     *ASTM D7414     >25     17.9     21.6     22.8	Silicon	ppm	ASTM D5185m	>25	10	6	6
Glycol     %     *ASTM D2982     0.20     NEG     NEG       INFRA-RED     method     limit/base     current     history 1     history 2       Soot %     %     *ASTM D7844     >6     0.1     0.1     0.1       Nitration     Abs/cm     *ASTM D7624     >20     11.7     12.1     13.5       Sulfation     Abs/.1mm     *ASTM D7415     >30     23.7     26.5     26.9       FLUID DEGRADATION     method     limit/base     current     history 1     history 2       Oxidation     Abs/.1mm     *ASTM D7414     >25     17.9     21.6     22.8	Sodium	ppm	ASTM D5185m		<u> </u>	7	4
INFRA-RED     method     limit/base     current     history 1     history 2       Soot %     %     *ASTM D7844     >6     0.1     0.1     0.1       Nitration     Abs/cm     *ASTM D7624     >20     11.7     12.1     13.5       Sulfation     Abs/.1mm     *ASTM D7415     >30     23.7     26.5     26.9       FLUID DEGRADATION     method     limit/base     current     history 1     history 2       Oxidation     Abs/.1mm     *ASTM D7414     >25     17.9     21.6     22.8	Potassium	ppm	ASTM D5185m	>20	<b>1401</b>	6	2
Soot %     %     *ASTM D7844     >6     0.1     0.1     0.1       Nitration     Abs/cm     *ASTM D7624     >20     11.7     12.1     13.5       Sulfation     Abs/.1mm     *ASTM D7415     >30     23.7     26.5     26.9       FLUID DEGRADATION     method     limit/base     current     history 1     history 2       Oxidation     Abs/.1mm     *ASTM D7414     >25     17.9     21.6     22.8	Glycol	%	*ASTM D2982		0.20	NEG	NEG
Nitration     Abs/cm     *ASTM D7624     >20     11.7     12.1     13.5       Sulfation     Abs/.1mm     *ASTM D7615     >30     23.7     26.5     26.9       FLUID DEGRADATION     method     limit/base     current     history 1     history 2       Oxidation     Abs/.1mm     *ASTM D7414     >25     17.9     21.6     22.8	INFRA-RED		method	limit/base	current	history 1	history 2
Sulfation     Abs/.1mm     *ASTM D7415     >30     23.7     26.5     26.9       FLUID DEGRADATION     method     limit/base     current     history 1     history 2       Oxidation     Abs/.1mm     *ASTM D7414     >25     17.9     21.6     22.8	Soot %	%	*ASTM D7844	>6	0.1	0.1	0.1
FLUID DEGRADATION method limit/base current history 1 history 2   Oxidation Abs/.1mm *ASTM D7414 >25 17.9 21.6 22.8	Nitration	Abs/cm	*ASTM D7624	>20	11.7	12.1	13.5
Oxidation Abs/.1mm *ASTM D7414 >25 <b>17.9</b> 21.6 22.8	Sulfation	Abs/.1mm	*ASTM D7415	>30	23.7	26.5	26.9
	FLUID DEGRA	DATION	method	limit/base	current	history 1	history 2
Base Number (BN) mg KOH/g ASTM D2896 9.8 7.4 ▲ 3.3 4.7	Oxidation	Abs/.1mm	*ASTM D7414	>25	17.9	21.6	22.8
	Base Number (BN)	mg KOH/g	ASTM D2896	9.8	7.4	<b>A</b> 3.3	4.7



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