

## Machine Id **10578** Component **Diesel Engine** Fluid **PETRO CANADA DURON SHP 15W40 (56 QTS)**

(				· · · · · · · · · · · · · · · · · · ·		
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0093738	GFL0093755	GFL0093736
Sample Date		Client Info		19 Feb 2024	29 Dec 2023	01 Sep 2023
Machine Age	hrs	Client Info		14253	13970	13391
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
Iron	maa	ASTM D5185m	>75	26	34	40
						4
						0
						0
						0
						2
			-			0
						<1
			>4			<1
						0
						NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	11	9	14
Potassium	ppm	ASTM D5185m	>20	0	2	0
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG		NEG
•	%	*ASTM D7844	>6	0.4		0.5
						8.6
						18.4
						NONE
						NONE
						NONE
						NORML
						NORML
Emulsified Water		*Visual	>0.2	NEG	NEG	NEG
Sodium		ASTM DE195m		7	10	13
			0			6
						0
						58
						<1
U U						879
						1086
						1011
	ppm					1211
						3452
()vidation	Abs/ 1mm	*ASTM D7414	S25	163	175	13.6
Base Number (BN)				6.1	7.4	8.2
	Sample Number Sample Date Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Yellow Metal Yellow Metal Silicon Potassium Fuel Water Glycol Soot % Nitration Sulfation Silt Debris Sand/Dirt Appearance Odor	TestUOMSample NumberInsSample DateMachine AgehrsOil AgehrsInsOil ChangedFitter AgehrsFilter ChangedSample StatusInsIronppmppmNickelppmppmSilverppmpmAluminumppmpmLeadppmpmCopperppmpmTinppmscalarYellow MetalscalarSiliconppmpmFuelyatergittSoot %%NitrationAbs/nmSiltscalarGlycolSocalarScalarSolt %%ScalarSolt %%ScalarGlycolscalarSoot %%SulfationAbs/nmSiltscalarColorscalarSodiumppmBoronppmBariumppmMagaeseppmMagnesiumppmPhosphorusppmSulfurppm	TestUOMMethodSample NumberClient InfoSample DateClient InfoMachine AgehrsClient InfoOil AgehrsClient InfoFilter AgehrsClient InfoOil ChangedClient InfoFilter ChangedClient InfoSample StatusClient InfoNickelppmASTM D5185mNickelppmASTM D5185mNickelppmASTM D5185mAluminumppmASTM D5185mLeadppmASTM D5185mCopperppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mVanadiumppmASTM D5185mFuelWC MethodGlycolWC MethodSoto %%*ASTM D5185mFuelWC MethodGlycolWC MethodSulfationAbs/Inm*ASTM D7844NitrationAbs/Inm*ASTM D7844NitrationAbs/Inm*ASTM D7844NitrationAbs/Inm*ASTM D7844NitrationScalar*VisualSand/Dirtscalar*VisualAppearancescalar*VisualSodiumppmASTM D5185mBariumppmASTM D5185mManganeseppmASTM D5185mMagnesiumppmASTM D5185mMagnesiumppmASTM D5185mPhosphorusppmASTM D5185mManganeseppmASTM D5185m	TestUOMMethodLimit/AbnSample NumberClient InfoSample DateClient InfoMachine AgehrsClient InfoOil AgehrsClient InfoFilter AgehrsClient InfoOil ChangedClient InfoFilter ChangedClient InfoSample StatusIronppmASTM D5185mSample Status>5NickelppmASTM D5185mSilverppmASTM D5185mAuminumppmASTM D5185mLeadppmASTM D5185mAluminumppmASTM D5185mVanadiumppmASTM D5185mYellow Metalscalar*VisualSiliconppmASTM D5185mYellow Metalscalar*VisualSiliconppmASTM D5185mYellow Metalscalar*VisualSiliconppmASTM D5185mYellow Metalscalar*VisualSiliconppmASTM D5185mYellow Metalscalar*VisualSiliconppmASTM D7624Yeulow Metalscalar*VisualNonkeYeisualNONESeot %%*ASTM D7624SulfationAbs/:nm*ASTM D7624Sot %%*ASTM D7624SulfationAbs/:nm*ASTM D7624Appearancescalar*VisualNONEPopearancescalarAppearancescalar*Visual	TestUOMMethodLimit/AbnCurrentSample NumberClient Info19 Feb 2024Machine AgehrsClient Info14253Oil AgehrsClient Info0Filter AgehrsClient Info0Oil ChangedClient Info0ChangedFilter ChangedClient Info0ChangedFilter ChangedClient InfoChangedSample StatusClient InfoChangedIronppmASTM D5185m>75NickelppmASTM D5185m>2NickelppmASTM D5185m>2NickelppmASTM D5185m>2NickelppmASTM D5185m>2AluminumppmASTM D5185m>2AluminumppmASTM D5185m>100TinppmASTM D5185m>100VanadiumppmASTM D5185m>2VanadiumppmASTM D5185m>2Vellow Metalscalar*VisualNONESiliconppmASTM D5185m>200FuelWC Method>0.0NONESulfationAbs/1mm*ASTM D7624>20Soto %%*ASTM D7624>20SulfationAbs/1mm*ASTM D7624>20Soto %%*ASTM D7624>20Soto %%*ASTM D7624>20Soto %%*ASTM D7624>20Soto %%*ASTM D7624>20 <td< td=""><td>Test UOM Method Limit/Abn Current History1   Sample Number Client Info GFL0093755 GFL0093755 Saple Date 29 Dec 2023   Machine Age hrs Client Info 0 0 0   Gil Age hrs Client Info 0 0 0   Gil Changed Client Info 0 0 0 0   Gil Changed Client Info Changed Changed Changed Changed   Sample Status Visition &gt;75 26 34 0 &lt;1</td>   Iron ppm ASTM D5185m &gt;4 0 &lt;1</td<>	Test UOM Method Limit/Abn Current History1   Sample Number Client Info GFL0093755 GFL0093755 Saple Date 29 Dec 2023   Machine Age hrs Client Info 0 0 0   Gil Age hrs Client Info 0 0 0   Gil Changed Client Info 0 0 0 0   Gil Changed Client Info Changed Changed Changed Changed   Sample Status Visition >75 26 34 0 <1

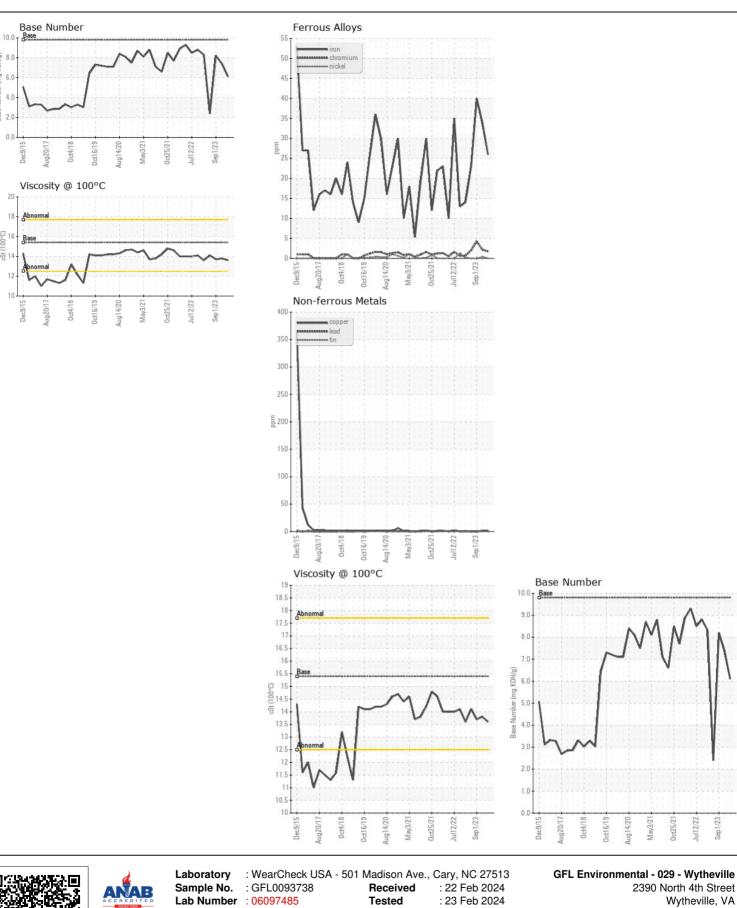
Visc @ 100°C cSt

ASTM D445 15.4

13.8

13.6

13.7



Wytheville, VA : 23 Feb 2024 - Wes Davis US 24382 Unique Number : 10890338 Diagnosed Test Package : FLEET Contact: CHARLES CORVIN Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. charles.corvin@gflenv.com;canastasio@wearcheckusa.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (276)223-4476 F: (276)223-1283 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

(mg KOH/g) 8

lumber 4

Base | 21

6.

1

cSt (100°C)

13

Page 2 of 2

Sep 1/23