

OIL ANALYSIS REPORT

Sample Rating Trend





Component

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.

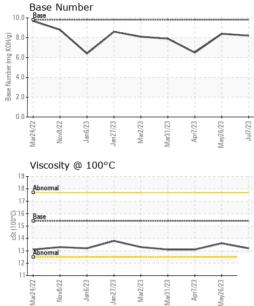
Fluid Condition

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

SAMPLE INFORMATIONmethodlimit/basecurrenthistory 1history 1Sample NumberClient InfoGFL0082666GFL0082638GFL00747Sample DateClient Info07 Jul 202326 May 202307 Apr 202Machine AgehrsClient Info34616833104Oil AgehrsClient Info35768348Oil ChangedClient InfoChangedChangedChangedSample StatusImit/baseNORMALNORMALNORMALCONTAMINATIONmethodlimit/basecurrenthistory 1EndedMachine AgeMachine Age1616	
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	v 2
Fuel WC Method >5 <1.0 <1.0	
Glycol WC Method NEG NEG NEG	
WEAR METALS method limit/base current history 1 history	y 2
Iron ppm ASTM D5185m >110 16 11 17	
Chromium ppm ASTM D5185m >4 <1	
Nickel ppm ASTM D5185m >2 0 <1	
Titanium ppm ASTM D5185m <1	
Silver ppm ASTM D5185m >2 0 <1	
Aluminum ppm ASTM D5185m >25 5 3 7	
Lead ppm ASTM D5185m >45 <1 2 0	
Copper ppm ASTM D5185m >85 8 6 2	
Tin ppm ASTM D5185m >4 <1	
Vanadium ppm ASTM D5185m 0 0 0	
Cadmium ppm ASTM D5185m 0 0 0	
ADDITIVES method limit/base current history 1 history	y 2
Boron ppm ASTM D5185m 0 11 17 11	
Barium ppm ASTM D5185m 0 0 0 0 0	
Molybdenum ppm ASTM D5185m 60 68 64 74	
Manganese ppm ASTM D5185m 0 <1	
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Manganese ppm ASTM D5185m 0 <1	y 2



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VISUAL		method	limit/base	current	history 1	history 2
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	RTIES	method	limit/base	current	history 1	history 2
Visc @ 100°C	cSt	ASTM D445	15.4	13.2	13.6	13.1
GRAPHS						
Ferrous Alloys						
s nickel			/			
Aar24/22 Nov8/22 Jan6/23	Mar2/23 -	nars 1/23 Apr7/23 lay26/23	Jul7/23			
	-	Mars 1/23 Apr7/23 May26/23	Jul7/23			
Mar24/22 Nov8/22 Jan6/22 Jan6/22	-	Mars1/23 Apr7/23 May26/23				
ZZ/F/ZIEW Non-ferrous Metal	-	Apr7/23 Apr7/23 May26/23	EZ/IInr			
Novel/22/22 Jane/24/22	-	April 23 April 23 May 26,23	Pal/19			
ZZ/F/ZIEW Non-ferrous Metal	-	April 23 April 23 May 26 23	ESTIN			
ZZ1F27mP Non-ferrous Metal	-	April 23 April 23 May 26/23	ESTIN.			
ZZ/F72/mer Non-ferrous Metal	-	ex) (200 April 23 May 26(23	EZ/Inf			

Base Number

Nov8/22 -

Jan6/23

Mar2/23

Jan 27/23

Mar31/23 Apr7/23

GFL Environmental - 814 - Little Rock Hauling

10.0

8. (mg KOH/g)

6 (

0.0

Mar24/22

Number 4 (Base

Jul7/23 -

: 11 Jul 2023

: 12 Jul 2023



Unique Number : 10551384 Diagnostician : Wes Davis Test Package : FLEET Certificate L2367 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)

Jan27/23 -

Jan 6/23

Mar2/23

Mar31/23

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

Received

Diagnosed

ar31/73

Apr7/23 -

Vlav26/23

Mar24/22

Ba

Mar24/22 -

Nov8/22

: GFL0082666

: 05895574

19

18 17

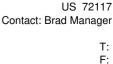
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13 Abnorma 12 11-

Laboratory Sample No.

Lab Number

Viscosity @ 100°C



Vlay26/23 lul7/23

4005 Hwy 161 N.

Little Rock, AR