

OIL ANALYSIS REPORT

NORMAL

Machine Id

10809 Component

Component Diesel Engine Fluid

PETRO CANADA DURON SHP 15W40 (7 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.

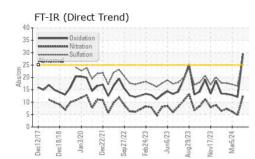
Fluid Condition

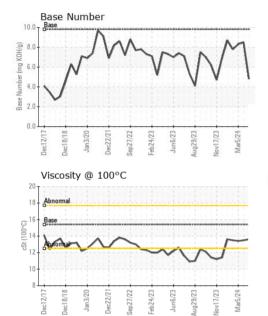
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sample NumberClient InfoGFL0118087GFL0115725GFL01117Sample DateClient Info21 May 202401 Apr 202405 Mar 2Machine AgehrsClient Info200852006219921Oil AgehrsClient Info286263122Oil ChangedClient InfoChangedNot ChangdNot ChangdSample StatusNORMALNORMALNORMALNORMAL	
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CONTAMINATION method limit/base current history1 histo	ory2
Fuel WC Method >3.0 <1.0 <1.0 <1.0	
Water WC Method >0.2 NEG NEG NEG	
Glycol WC Method NEG NEG NEG	
WEAR METALS method limit/base current history1 histo	ory2
Iron ppm ASTM D5185m >75 14 3 8	
Chromium ppm ASTM D5185m >5 1 0 0	
Nickel ppm ASTM D5185m >4 <1 0 0	
Titanium ppm ASTM D5185m >2 <1	
Silver ppm ASTM D5185m >2 <1 0 0	
Aluminum ppm ASTM D5185m >15 4 1 2	
Lead ppm ASTM D5185m >25 <1 0 <1	
Copper ppm ASTM D5185m >100 1 <1	
Tin ppm ASTM D5185m >4 1 0 0	
Vanadium ppm ASTM D5185m <1	
Cadmium ppm ASTM D5185m <1	
ADDITIVES method limit/base current history1 histo	ory2
Boron ppm ASTM D5185m 0 52 11 15	
Barium ppm ASTM D5185m 0 0 0 0 0	
Molybdenum ppm ASTM D5185m 60 47 60 61	
Manganese ppm ASTM D5185m 0 <1	
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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	RTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	15.4	13.6	13.5	13.4
GRAPHS						

Ferrous Alloys

Dec12/1

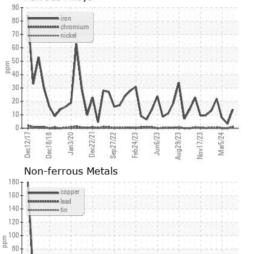
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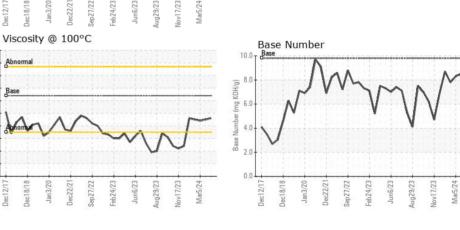
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> 11 10

> > 0

Dec12/17





Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 GFL Environmental - 010 - Stockbridge Sample No. : GFL0118087 Received : 22 May 2024 1280 Rum Creek Parkway Lab Number : 06187395 Tested : 23 May 2024 Stockbridge, GA Unique Number : 11044147 Diagnosed : 24 May 2024 - Don Baldridge US 30281 Test Package : FLEET Contact: JOSHUA TINKER Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. joshuatinker@gflenv.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: F:

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

Report Id: GFL010 [WUSCAR] 06187395 (Generated: 05/24/2024 11:01:55) Rev: 1

Submitted By: JOSHUA TINKER Page 2 of 2