

OIL ANALYSIS REPORT

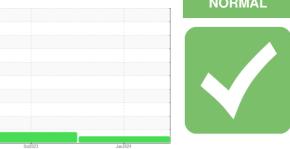
Sample Rating Trend

NORMAL



Machine Id **929136** Component **Diesel Engine**

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



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

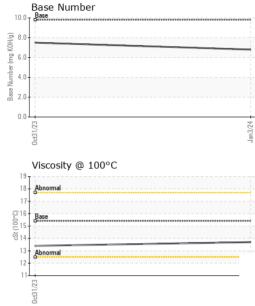
Fluid Condition

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

SAMPLE INFORMATION method limit/base current history1 history2	(····,		Oct2023	Jan 2024		
Sample Date	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 6629 8158 Oil Changed Client Info 682 600 Sample Status NORMAL ABNORMAL CONTAMINATION method Imitibase current history1 history2 Fuel WC Method >3.0 <1.0 <1.0 Water WC Method >0.2 NEG NEG Glycol WC Method NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >120 11 9 Chromium ppm ASTM D5185m >20 <1 <1 Nickel ppm ASTM D5185m >20 <1 Aluminum ppm ASTM D5185m >20 <1 Lead ppm ASTM D5185m >30	Sample Number		Client Info		GFL0091092	GFL0091095	
Machine Age hrs Client Info 6829 8158	Sample Date		Client Info		03 Jan 2024	31 Oct 2023	
Oil Changed Sample Status Client Info Changed NORMAL Changed ABNORMAL CONTAMINATION method limit/base current bistory1 history2 Fuel WC Method >3.0 <1.0 <1.0 Water WC Method >0.2 NEG NEG Glycol WC Method NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >120 11 9 Chromium ppm ASTM D5185m >20 <1 <1 Chromium ppm ASTM D5185m >20 <1 <1 Chromium ppm ASTM D5185m >20 <1 <1 Irianium ppm ASTM D5185m >20 <1 <1 Copper ppm ASTM D5185m >20 <1 <1	•	hrs	Client Info		8629	8158	
CONTAMINATION	Oil Age	hrs	Client Info		682	600	
CONTAMINATION	Oil Changed		Client Info		Changed	Changed	
Fuel WC Method >3.0 <1.0					NORMAL	ABNORMAL	
Water Glycol WC Method WC Method >0.2 NEG NEG	CONTAMINAT	ION	method	limit/base	current	history1	history2
WEAR METALS	Fuel		WC Method	>3.0	<1.0	<1.0	
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >120 11 9	Water		WC Method	>0.2	NEG	NEG	
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Chromium ppm ASTM D5185m >20 <1	Iron	ppm	ASTM D5185m	>120	11	9	
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Silver	Titanium	• • • • • • • • • • • • • • • • • • • •					
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FLUID DEGRADATION method limit/base current history1 history2	N Place at the co		"ASTM 1)/624	>20	8.2	8.0	
				0.0	46 -	40.0	
Oxidation Abs/.1mm *ASTM D7414 >25 15.2 14.8	Sulfation	Abs/.1mm		>30	19.7	19.8	
	Sulfation	Abs/.1mm	*ASTM D7415				
Base Number (BN) mg KOH/g ASTM D2896 9.8 6.8 7.5	Sulfation FLUID DEGRAE	Abs/.1mm	*ASTM D7415 method	limit/base	current	history1	history2



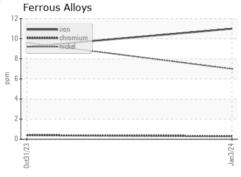
OIL ANALYSIS REPORT

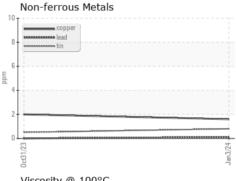


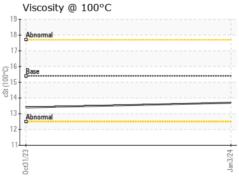
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Precipitate	scalar	*Visual	NONE	NONE	NONE	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
Free Water	scalar	*Visual		NEG	NEG	
	DTIEO	and the selection of	Proc No. // common or comm		la fact a const	la la la visió

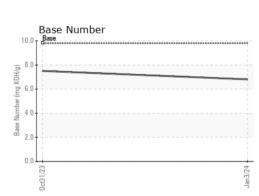
L LLOID PROPI		method			History I	History2
Visc @ 100°C	cSt	ASTM D445	15.4	13.7	13.4	

GRAPHS











Certificate L2367

Laboratory Sample No. Lab Number Unique Number : 10859579 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0091092 : 06077488

Recieved Diagnosed

: 01 Feb 2024 : 04 Feb 2024 Diagnostician : Don Baldridge GFL Environmental - 996 - Viroqua WI Southwest 950 Nelson Parkway

Viroqua, WI US 54665 Contact: Shawn Burke

sburke@gflenv.com

T: F:

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)