

OIL ANALYSIS REPORT

Sample Rating Trend





Component

Diesel Engine

PETRO CANADA DURON SHP 15W40 (--- GAL

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: Sampled oil)

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

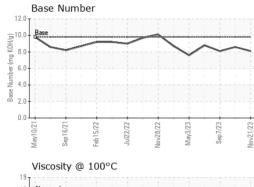
Fluid Condition

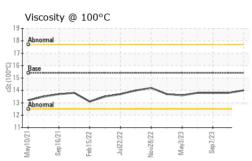
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

MPLE INFORMA	TION method	limit/base	current	history1	history2					
ole Number	Client Info		GFL0090487	GFL0090479	GFL0090531					
ole Date	Client Info		21 Nov 2023	09 Nov 2023	07 Sep 2023					
nine Age hr	rs Client Info		8617	8516	7931					
ge hr	rs Client Info		101	585	7931					
hanged	Client Info		Not Changd	Changed	Changed					
ole Status			NORMAL	NORMAL	NORMAL					
	N method	limit/base	current	history1	history2					
	WC Method	>5	<1.0	<1.0	<1.0					
r	WC Method	>0.2	NEG	NEG	NEG					
l	WC Method		NEG	NEG	NEG					
EAR METALS	method	limit/base	current	history1	history2					
pp	pm ASTM D5185m	>100	0	7	7					
mium pr	pm ASTM D5185m	>20	0	<1	<1					
el pr	pm ASTM D5185m	>4	<1	0	0					
ium pp	pm ASTM D5185m		0	0	0					
r pr	pm ASTM D5185m	>3	0	0	0					
inum pp	pm ASTM D5185m	>20	1	1	1					
pp	pm ASTM D5185m	>40	0	0	0					
per pr	pm ASTM D5185m	>330	0	<1	0					
	pm ASTM D5185m	>15	<1	<1	<1					
	pm ASTM D5185m		0	<1	0					
	pm ASTM D5185m		0	0	0					
DITIVES	method	limit/base	current	history1	history2					
n pr	pm ASTM D5185m	0	7	2	2					
	pm ASTM D5185m		0	0	0					
	pm ASTM D5185m	60	53	60	59					
	pm ASTM D5185m		0	<1 936	<1 908					
	pm ASTM D5185m pm ASTM D5185m	1010 1070	838 1010	1115	1031					
	pm ASTM D5185m pm ASTM D5185m	1150	1010	1020	969					
	pm ASTM D5185m	1270	1159	1242	1166					
	pm ASTM D5185m	2060	3065	3001	3342					
ONTAMINANTS	s method	limit/base		history1	history2					
	pm ASTM D5185m		3	3	2					
	pm ASTM D5185m		13	19	4					
	pm ASTM D5185m	>20	4	6	3					
FRA-RED	method	limit/base	current	history1	history2					
% %		>3	0.2	0.7	0.6					
	bs/cm *ASTM D7624	>20	5.2	7.9	7.4					
	os/.1mm *ASTM D7415	>30	17.4	19.6	19.1					
UID DEGRADA	TION method	limit/base	current	history1	history2					
					14.0					
		9.8			8.1					
ation Ab	ps/.1mm *ASTM D7414 g KOH/g ASTM D2896	>25	12.8 8.1	14.5 8.6						

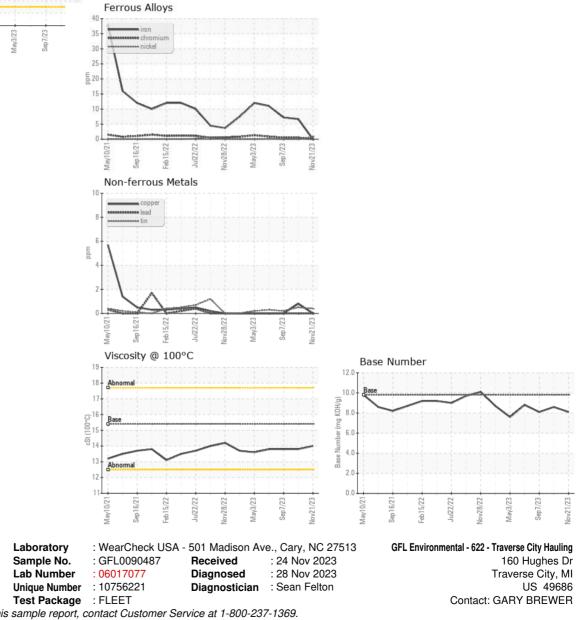


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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*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	14.0	13.8	13.8
GRAPHS						





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)

Submitted By: TECHNICIAN ACCOUNT