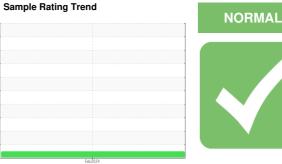


OIL ANALYSIS REPORT





Machine Id
758M 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

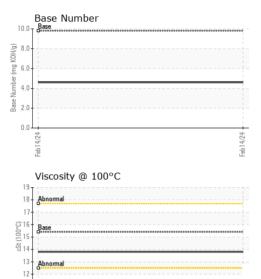
Fluid Condition

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

14 3111 13W 1 0 (GAL)			Feb2024		
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0110116		
Sample Date		Client Info		14 Feb 2024		
Machine Age	hrs	Client Info		18874		
Oil Age	hrs	Client Info		18874		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINA	ΓΙΟΝ	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAI	LS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>75	66		
Chromium	ppm	ASTM D5185m	>5	4		
Nickel	ppm	ASTM D5185m	>4	1		
Titanium	ppm	ASTM D5185m	>2	<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>15	6		
Lead	ppm	ASTM D5185m	>25	1		
Copper	ppm	ASTM D5185m	>100	34		
Tin	ppm	ASTM D5185m	>4	2		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	2		
Barium	ppm	ASTM D5185m	0	36		
Molybdenum	ppm	ASTM D5185m	60	49		
Manganese	ppm	ASTM D5185m	0	3		
Magnesium	ppm	ASTM D5185m	1010	697		
Calcium	ppm	ASTM D5185m	1070	896		
Phosphorus	ppm	ASTM D5185m	1150	781		
Zinc	ppm	ASTM D5185m	1270	988		
Sulfur	ppm	ASTM D5185m	2060	1890		
CONTAMINA	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	15		
Sodium	ppm	ASTM D5185m		14		
Potassium	ppm	ASTM D5185m	>20	4		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>6	1		
Nitration	Abs/cm	*ASTM D7624	>20	16.1		
Sulfation	Abs/.1mm	*ASTM D7415	>30	25.5		
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	29.8		
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	4.6		

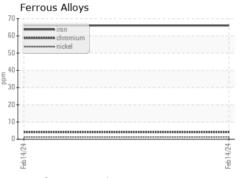


OIL ANALYSIS REPORT

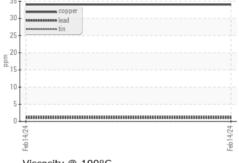


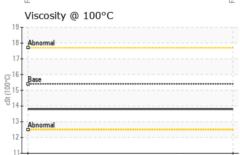
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPE	RTIES	method	limit/base	current	history1	history2

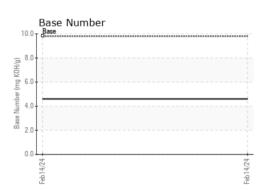
FLUID PROPE	ERITES	metnoa	ilmit/base	current	nistory i	nistory2
Visc @ 100°C	cSt	ASTM D445	15.4	13.8		



Non-ferrous Metals









Laboratory Sample No.

: GFL0110116 Lab Number : 06099867

Unique Number: 10898097 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 26 Feb 2024 **Tested** : 27 Feb 2024

Diagnosed : 27 Feb 2024 - Don Baldridge

GFL Environmental - 410 - Michigan West

39000 Van Born Rd Wayne, MI US 48184

Contact: Belal Dgheish bdgheish@gflenv.com T: (734)714-2340

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)