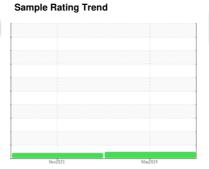


OIL ANALYSIS REPORT



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

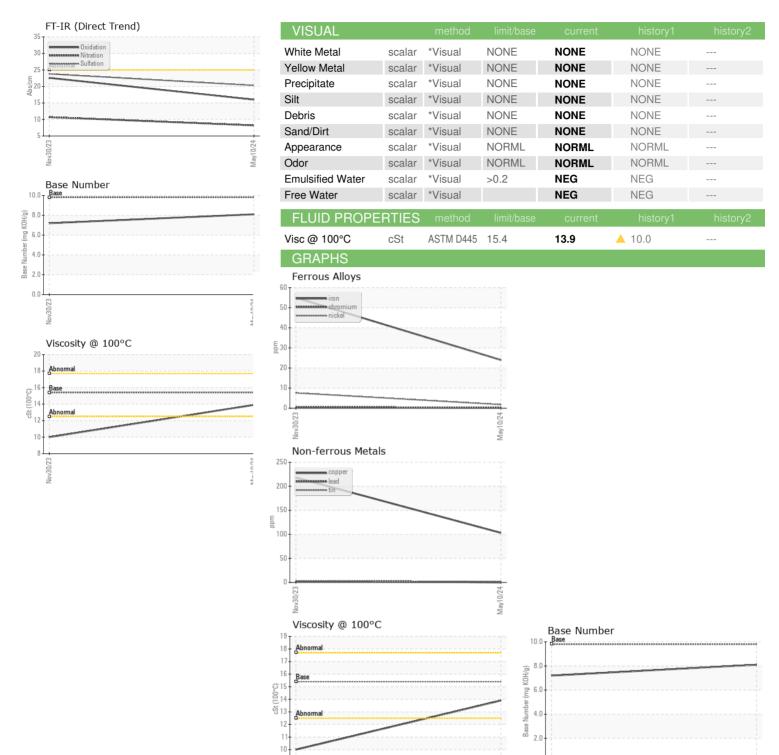
Fluid Condition

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

N SHP 15W40 (-	,					
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0069965	GFL0069981	
Sample Date		Client Info		10 May 2024	30 Nov 2023	
Machine Age	hrs	Client Info		1759	702	
Oil Age	hrs	Client Info		600	702	
Oil Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	ABNORMAL	
CONTAMINAT	ΓΙΟΝ	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0	0.2	
Water		WC Method	>0.2	NEG	NEG	
Glycol		WC Method		NEG	NEG	
WEAR METAL	_S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>120	24	55	
Chromium	ppm	ASTM D5185m	>20	<1	<1	
Nickel	ppm	ASTM D5185m	>15	2	8	
Titanium	ppm	ASTM D5185m	>2	0	0	
Silver	ppm	ASTM D5185m	>3	<1	<1	
Aluminum	ppm	ASTM D5185m	>20	3	9	
_ead	ppm	ASTM D5185m	>40	0	3	
Copper	ppm	ASTM D5185m	>330	103	218	
Tin	ppm	ASTM D5185m	>15	1	4	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	4	173	
Barium	ppm	ASTM D5185m	0	0	0	
Molybdenum	ppm	ASTM D5185m	60	66	105	
Manganese	ppm	ASTM D5185m	0	<1	4	
Magnesium	ppm	ASTM D5185m	1010	1047	699	
Calcium	ppm	ASTM D5185m	1070	1139	1175	
Phosphorus	ppm	ASTM D5185m	1150	1070	687	
Zinc	ppm	ASTM D5185m	1270	1358	778	
Sulfur	ppm	ASTM D5185m	2060	3107	2288	
CONTAMINAN	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	6	62	
Sodium	ppm	ASTM D5185m		<1	4	
Potassium	ppm	ASTM D5185m	>20	4	24	
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>4	0.6	0.4	
Nitration	Abs/cm	*ASTM D7624	>20	8.2	10.7	
Sulfation	Abs/.1mm	*ASTM D7415	>30	20.3	23.8	
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
FLUID DEGRA Oxidation	DATION Abs/.1mm	*ASTM D7414	limit/base >25	current 16.0	history1 22.6	history2



OIL ANALYSIS REPORT







Certificate 12367

Sample No.

: GFL0069965 Lab Number : 06188951 Unique Number : 11045703 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 23 May 2024

Tested : 24 May 2024 Diagnosed : 24 May 2024 - Wes Davis

GFL Environmental - 902 - Chilton HC 428 High St Chilton, WI US 53014

> Contact: Keith Mueller keith.mueller@gflenv.com T: (920)374-1404

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)

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Report Id: GFL902 [WUSCAR] 06188951 (Generated: 05/24/2024 15:39:19) Rev: 1