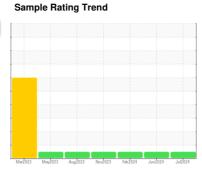


OIL ANALYSIS REPORT



PETRO CANADA DURON SHP 15W40 (--- 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.

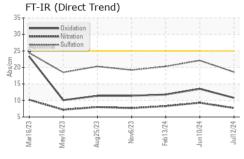
Fluid Condition

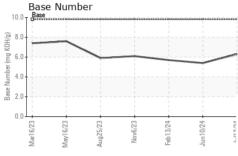
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

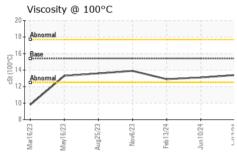
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2			
Sample Number		Client Info		GFL0123575	GFL0123599	GFL0105463			
Sample Date		Client Info		12 Jul 2024	10 Jun 2024	13 Feb 2024			
Machine Age	mls	Client Info		104942	65863	60221			
Oil Age	mls	Client Info		104942	65863	60221			
Oil Changed		Client Info		Not Changd	Changed	N/A			
Sample Status				NORMAL	NORMAL	NORMAL			
CONTAMINA	TION	method	limit/base	current	history1	history2			
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 METAI	LS	method	limit/base	current	history1	history2			
Iron	ppm	ASTM D5185m	>120	4	6	6			
Chromium	ppm	ASTM D5185m	>20	0	0	<1			
Nickel	ppm	ASTM D5185m	>5	0	<1	1			
Titanium	ppm	ASTM D5185m	>2	<1	0	0			
Silver	ppm	ASTM D5185m	>2	0	<1	0			
Aluminum	ppm	ASTM D5185m	>20	<1	2	2			
Lead	ppm	ASTM D5185m	>40	0	0	<1			
Copper	ppm		>330	<1	1	2			
Tin	ppm	ASTM D5185m	>15	0	0	<1			
Vanadium	ppm	ASTM D5185m	7.0	0	0	<1			
Cadmium	ppm	ASTM D5185m		0	0	0			
ADDITIVES		method	limit/base	current	history1	history2			
Boron	ppm	ASTM D5185m	0	0	4	0			
Barium	ppm	ASTM D5185m	0	0	0	0			
Molybdenum	ppm	ASTM D5185m	60	47	43	56			
Manganese	ppm	ASTM D5185m	0	<1	<1	<1			
Magnesium	ppm	ASTM D5185m	1010	9	10	37			
Calcium	ppm	ASTM D5185m	1070	2495	2261	2563			
Phosphorus	ppm	ASTM D5185m	1150	1033	943	1183			
Zinc	ppm	ASTM D5185m	1270	1246	1114	1366			
Sulfur	ppm	ASTM D5185m	2060	3420	3041	3356			
CONTAMINA	NTS	method	limit/base	current	history1	history2			
Silicon	ppm	ASTM D5185m	>25	4	6	8			
Sodium	ppm	ASTM D5185m		2	4	2			
Potassium	ppm	ASTM D5185m	>20	2	7	6			
INFRA-RED		method	limit/base	current	history1	history2			
Soot %	%	*ASTM D7844	>4	0.2	0.2	0.2			
Nitration	Abs/cm	*ASTM D7624	>20	7.7	9.3	8.3			
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.6	22.1	20.3			
FLUID DEGRADATION method limit/base current history1 history2									
Oxidation	Abs/.1mm	*ASTM D7414	>25	10.8	13.5	11.8			
Base Number (BN)		ASTM D2896		6.3	5.4	5.7			

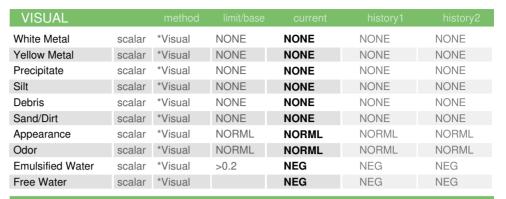


OIL ANALYSIS REPORT



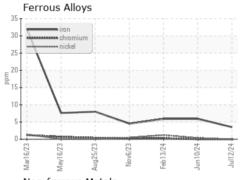


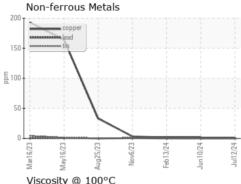


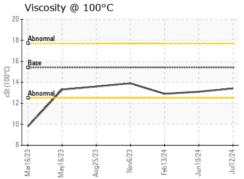


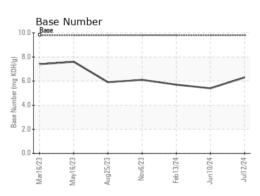
FLUID PROPERTIES		method				history2	
Visc @ 100°C	cSt	ASTM D445	15.4	13.4	13.1	12.9	

GRAPHS













Certificate 12367

Laboratory Sample No.

: GFL0123575 Lab Number : 06238925 Unique Number : 11127759

Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 17 Jul 2024

Tested : 18 Jul 2024 Diagnosed : 18 Jul 2024 - Don Baldridge

GFL Environmental - 983 - Sugar Land Hauling

16011 West Belfort Street Sugar Land, TX US 77498

Contact: Adrian Martinez adrianmartinez@gflenv.com

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)

T:

F: