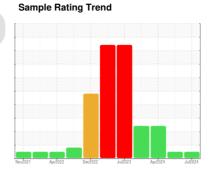


OIL ANALYSIS REPORT



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

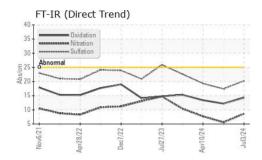
Fluid Condition

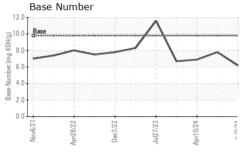
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

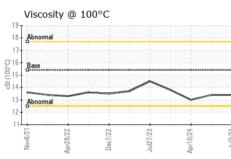
SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2			
Sample Number		Client Info		GFL0122672	GFL0110168	GFL0110203			
Sample Date		Client Info		03 Jul 2024	02 May 2024	10 Apr 2024			
Machine Age	hrs	Client Info		8085	7622	7492			
	hrs	Client Info		600	200	600			
Oil Changed		Client Info		Changed	Changed	Changed			
Sample Status				NORMAL	NORMAL	MARGINAL			
CONTAMINATIO	N	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 METALS		method	limit/base	current	history1	history2			
Iron s	ppm	ASTM D5185m	>120	21	5	13			
	ppm	ASTM D5185m	>20	<1	<1	<1			
	ppm	ASTM D5185m	>5	0	1	<1			
	ppm	ASTM D5185m	>2	0	<1	0			
	ppm	ASTM D5185m	>2	0	<1	0			
1	ppm	ASTM D5185m	>20	2	2	2			
	ppm	ASTM D5185m	>40	<1	2	<1			
			>330	2	<1	1			
	ppm		>330		2	<1			
'	ppm	ASTM D5185m	>15	0					
	ppm	ASTM D5185m		0	0	<1			
	ppm	ASTM D5185m		0	2	0			
ADDITIVES		method	limit/base	current	history1	history2			
Boron	ppm	ASTM D5185m	0	1	0	4			
Barium p	ppm	ASTM D5185m	0	0	0	0			
Molybdenum p	ppm	ASTM D5185m	60	60	51	59			
Manganese p	ppm	ASTM D5185m	0	<1	1	<1			
Magnesium p	ppm	ASTM D5185m	1010	937	935	826			
Calcium	ppm	ASTM D5185m	1070	1228	1155	1049			
Phosphorus p	ppm	ASTM D5185m	1150	1019	1097	934			
Zinc	ppm	ASTM D5185m	1270	1301	1310	1144			
Sulfur	ppm	ASTM D5185m	2060	3202	3877	3214			
CONTAMINANT	S	method	limit/base	current	history1	history2			
Silicon	ppm	ASTM D5185m	>25	4	4	4			
Sodium	ppm	ASTM D5185m		70	28	<u></u> 105			
Potassium	ppm	ASTM D5185m	>20	28	12	△ 64			
INFRA-RED		method	limit/base	current	history1	history2			
Soot %	%	*ASTM D7844	>4	1.1	0.3	0.7			
Nitration /	Abs/cm	*ASTM D7624	>20	8.6	5.6	7.7			
	Abs/.1mm	*ASTM D7415	>30	20.2	17.4	19.3			
FLUID DEGRADATION method limit/base current history1 history2									
Oxidation /	Abs/.1mm	*ASTM D7414	>25	14.3	12.2	13.4			
	mg KOH/g	ASTM D2896		6.2	7.8	6.9			
= 3.55 · · · · · · · · · · · · · · · · · ·			3.0	V.L		0.0			

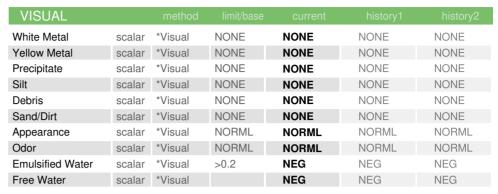


OIL ANALYSIS REPORT



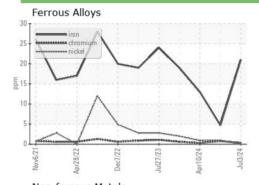


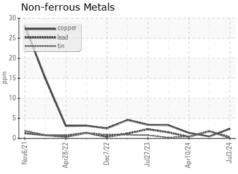


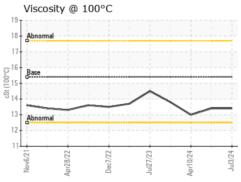


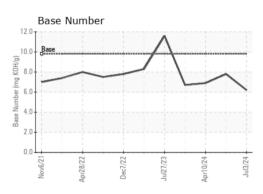
FLUID PROP	ERIIES	metnoa	ilmit/base	current	nistory i	nistory2
Visc @ 100°C	cSt	ASTM D445	15.4	13.4	13.4	13.0

GRAPHS













Laboratory Sample No.

: GFL0122672 Lab Number : 06231090 Unique Number : 11114583

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 08 Jul 2024

Tested : 10 Jul 2024 Diagnosed : 10 Jul 2024 - Wes Davis

GFL Environmental - 660 - Lynchburg Hauling

2410 Mayflower Drive Lynchburg, VA US 24501

Contact: Delbert Beasley dbeasley@countyrecycling.net T: (434)665-5998

Test Package : FLEET Certificate 12367 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)