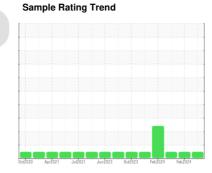


OIL ANALYSIS REPORT



PETRO CANADA DURON SHP 15W40 (--- LTR)





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

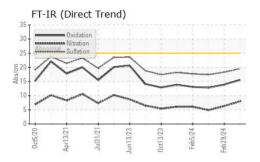
Fluid Condition

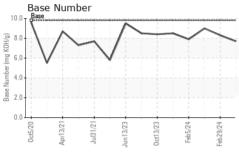
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

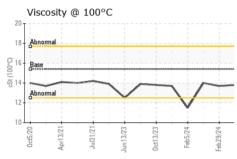
Sample Number Sample Date Machine Age Oil Age Oil Changed Sample Status CONTAMINAT	hrs	Client Info		GFL0116618	GFL0111831	GFL0108292
Machine Age Oil Age Oil Changed Sample Status					00 5-1, 0004	10 = 1 = 1
Oil Age Oil Changed Sample Status				23 Apr 2024	29 Feb 2024	12 Feb 2024
Oil Changed Sample Status		Client Info		23053	22770	22612
Oil Changed Sample Status	hrs	Client Info		22895	22770	0
Sample Status		Client Info		Not Changd	Not Changd	Not Changd
CONTAMINAT				NORMAL	NORMAL	NORMAL
CONTAMINAL	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0	<1.0	0.6
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>120	12	6	4
Chromium	ppm	ASTM D5185m	>20	<1	0	<1
Nickel	ppm	ASTM D5185m	>5	8	4	3
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum		ASTM D5185m	>20	5	4	2
	ppm					
Lead	ppm	ASTM D5185m	>40	0	0	0
Copper	ppm		>330	2	0	<1
Tin	ppm	ASTM D5185m	>15	<1	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	12	16	20
Barium	ppm	ASTM D5185m	0	0	0	12
Molybdenum	ppm	ASTM D5185m	60	58	50	53
Manganese	ppm	ASTM D5185m	0	<1	<1	0
Magnesium	ppm	ASTM D5185m	1010	928	839	842
Calcium	ppm	ASTM D5185m	1070	1173	1031	1119
Phosphorus	ppm	ASTM D5185m	1150	1000	924	1045
Zinc	ppm	ASTM D5185m	1270	1247	1094	1120
Sulfur	ppm	ASTM D5185m	2060	3151	2642	3678
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	7	4	4
Sodium	ppm	ASTM D5185m		<1	<1	0
Potassium	ppm	ASTM D5185m	>20	<1	0	2
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>4	0.2	0.1	0.1
Nitration	Abs/cm	*ASTM D7624	>20	8.0	6.3	4.9
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.5	18.3	17.4
FLUID DEGRAD	DATION	method	limit/base	current	history1	history2
I LOID DEGITAL						
Oxidation	Abs/.1mm	*ASTM D7414	>25	15.6	13.9	12.8

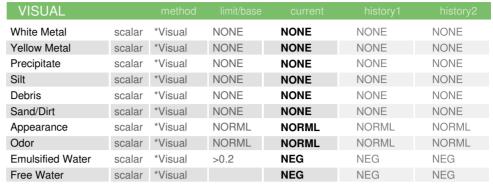


OIL ANALYSIS REPORT



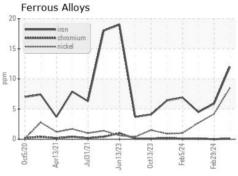


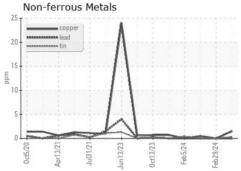


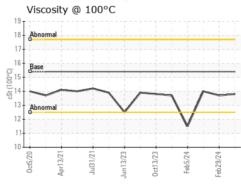


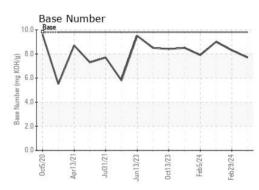
FLUID PROPERTIES		method				history2	
Visc @ 100°C	cSt	ASTM D445	15.4	13.8	13.7	14.0	

GRAPHS













Certificate 12367

Laboratory Sample No.

: GFL0116618 Lab Number : 06158941

Unique Number : 10994364

Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 24 Apr 2024

Tested : 25 Apr 2024 Diagnosed : 25 Apr 2024 - Don Baldridge

GFL Environmental - 652 - Fredericksburg Hauling

10954 Houser Drive Fredericksburg, VA US 22408

Contact: WILLIAM MILO wmilo@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: