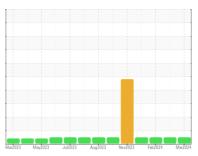


OIL ANALYSIS REPORT



PETRO CANADA DURON SHP 15W40 (8 GAL)



Sample Rating Trend



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

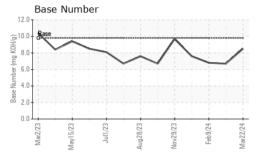
Fluid Condition

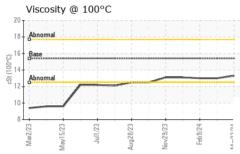
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFOR	MATION	method	limit/base	current	history1	history2	
Sample Number		Client Info		GFL0115761	GFL0112342	GFL0109958	
Sample Date		Client Info		22 Mar 2024	29 Feb 2024	09 Feb 2024	
Machine Age	hrs	Client Info		2454	2300	2191	
Oil Age	hrs	Client Info		154	538	429	
Oil Changed		Client Info		Not Changd	Changed	Not Changd	
Sample Status				NORMAL	NORMAL	NORMAL	
CONTAMINAT	ION	method	limit/base	current	history1	history2	
Fuel	.0.1	WC Method	>3.0	<1.0	<1.0	<1.0	
Water		WC Method		NEG	NEG	NEG	
Glycol		WC Method	<i>></i> 0.2	NEG	NEG	NEG	
		WC Melliod		NEG	NEG	NEG	
WEAR METAL	S	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m	>120	4	18	13	
Chromium	ppm	ASTM D5185m	>20	0	<1	<1	
Nickel	ppm	ASTM D5185m	>5	0	2	<1	
Titanium	ppm	ASTM D5185m	>2	0	<1	0	
Silver	ppm	ASTM D5185m	>2	0	<1	<1	
Aluminum	ppm	ASTM D5185m	>20	2	9	8	
Lead	ppm	ASTM D5185m	>40	0	0	0	
Copper	ppm	ASTM D5185m	>330	1	5	4	
Tin	ppm		>15	0	1	<1	
Vanadium	ppm	ASTM D5185m		<1	<1	0	
Cadmium	ppm	ASTM D5185m		0	<1	0	
ADDITIVES		method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m	0	11	5	4	
Barium	ppm	ASTM D5185m		0	0	0	
Molybdenum	ppm	ASTM D5185m	60	61	64	60	
Manganese	ppm	ASTM D5185m		<1	1	<1	
Magnesium	ppm	ASTM D5185m	1010	926	879	869	
Calcium			1070	1112	1015	1025	
	ppm	ASTM D5185m	1150	1027	1060	1025	
Phosphorus Zinc	ppm	ASTM D5185m	1270	1172	1222	1203	
Sulfur	ppm						
	ppm	ASTM D5185m	2060	3575	2943	2773	
CONTAMINAN		method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>25	2	6	3	
Sodium	ppm	ASTM D5185m		<1	2	1	
Potassium	ppm	ASTM D5185m	>20	3	25	22	
INFRA-RED		method	limit/base	current	history1	history2	
Soot %	%	*ASTM D7844	>4	0.1	0.3	0.3	
Nitration	Abs/cm	*ASTM D7624	>20	5.7	8.4	8.2	
Sulfation	Abs/.1mm	*ASTM D7415	>30	17.4	18.6	18.5	
FLUID DEGRADATION method limit/base current history1 history2							
Oxidation	Abs/.1mm	*ASTM D7414	>25	13.0	14.1	13.9	
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	8.5	6.7	6.8	
(211)	99			<u> </u>			



OIL ANALYSIS REPORT

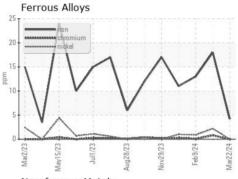


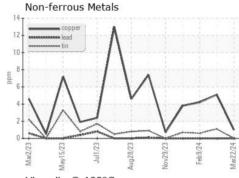


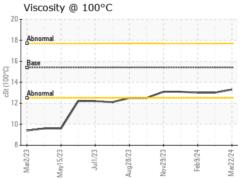
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual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

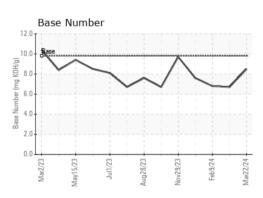
FLUID PROPE	RTIES	method				history2
Visc @ 100°C	cSt	ASTM D445	15.4	13.3	13.0	13.0

GRAPHS













Certificate L2367

Laboratory Sample No.

Lab Number : 06129174 Unique Number : 10943325 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0115761 Received : 26 Mar 2024 **Tested** : 27 Mar 2024

Diagnosed : 27 Mar 2024 - Wes Davis

GFL Environmental - 010 - Stockbridge

1280 Rum Creek Parkway Stockbridge, GA

US 30281 Contact: TECHNICIAN ACCOUNT

To discuss this sample report, contact Customer Service at 1-800-237-1369.

wcgfldemo@gmail.com T:

* - 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)

F: