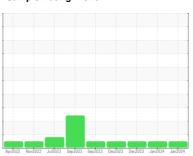


OIL ANALYSIS REPORT

Sample Rating Trend









PETRO CANADA DURON SHP 15W40 (36 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

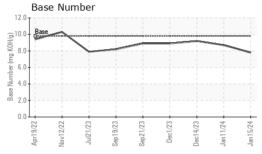
Fluid Condition

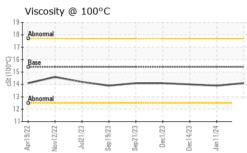
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFO	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0109992	GFL0104255	GFL0104148
Sample Date		Client Info		15 Jan 2024	11 Jan 2024	14 Dec 2023
Machine Age	hrs	Client Info		15844	15804	15644
Oil Age	hrs	Client Info		600	15804	8080
Oil Changed	1110	Client Info		Changed	Changed	N/A
Sample Status		Oliciti IIIIo		NORMAL	NORMAL	NORMAL
	ATION	mathad	limit/base			
	ATION	method		current	history1	history2
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water			>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR META	ALS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>65	19	4	0
Chromium	ppm	ASTM D5185m	>5	1	0	0
Nickel	ppm	ASTM D5185m	>3	0	0	<1
Titanium	ppm	ASTM D5185m	>5	<1	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>35	5	2	<1
Lead	ppm	ASTM D5185m	>10	0	<1	0
Copper	ppm	ASTM D5185m	>180	50	0	<1
Tin	ppm	ASTM D5185m	>8	<1	<1	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	<1	3	5
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	60	59	56	54
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	1010	1000	914	877
Calcium	ppm	ASTM D5185m	1070	1034	949	982
Phosphorus	ppm	ASTM D5185m	1150	1020	1061	987
Zinc	ppm	ASTM D5185m	1270	1282	1229	1218
Sulfur	ppm	ASTM D5185m	2060	2544	3048	3106
CONTAMINA	ANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	13	3	2
Sodium	ppm	ASTM D5185m		8	<1	1
Potassium	ppm	ASTM D5185m	>20	2	1	2
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.4	0.2	0.1
Nitration	Abs/cm	*ASTM D7624	>20	7.1	5.7	4.7
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.1	18.4	17.3
FLUID DEGR	ADATIO <u>N</u>	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	15.1	14.1	13.4
Base Number (BN		ASTM D2896		7.8	8.7	9.2
Dage Harriber (DI	·) IIIg Norly	7.0 TWI D2000	0.0	7.0	0.7	0.2



OIL ANALYSIS REPORT

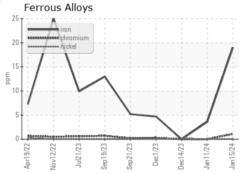


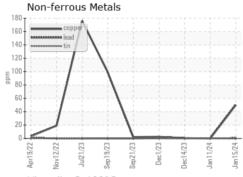


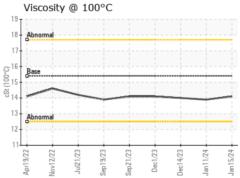
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	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

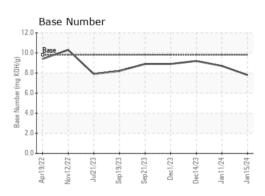
FLUID PROPE	RTIES	method				history2
Visc @ 100°C	cSt	ASTM D445	15.4	14.1	13.9	14.0

GRAPHS













Laboratory

Sample No. Lab Number **Unique Number** Test Package : FLEET

: GFL0109992 : 06064814 : 10836196

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved

: 18 Jan 2024 Diagnosed Diagnostician : Wes Davis

: 19 Jan 2024

GFL Environmental - 410 - Michigan West

39000 Van Born Rd Wayne, MI US 48184 Contact: Belal Dgheish

bdgheish@gflenv.com T: (734)714-2340

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)