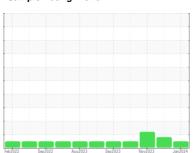


OIL ANALYSIS REPORT

Sample Rating Trend









PETRO CANADA DURON SHP 15W40 (36 QTS)

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

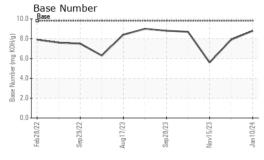
Fluid Condition

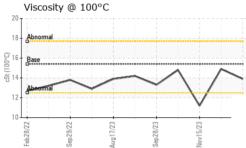
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

		1602022	deproze Augrors	000000	Janzoza	
SAMPLE INFORM	NOITAN	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0110005	GFL0104352	GFL0059257
Sample Date		Client Info		10 Jan 2024	07 Dec 2023	15 Nov 2023
Machine Age	hrs	Client Info		22072	21880	21676
Oil Age	hrs	Client Info		21868	204	21124
Oil Changed		Client Info		Changed	N/A	Changed
Sample Status				NORMAL	MARGINAL	ABNORMAL
CONTAMINATI	ON	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0	<u>^</u> 2.3	5.7
Water		WC Method		NEG	NEG	NEG
Glycol		WC Method	7 U.L	NEG	NEG	NEG
			11 11 11			
WEAR METALS	5	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>90	5	31	12
Chromium	ppm	ASTM D5185m	>20	<1	1	<1
Nickel	ppm	ASTM D5185m	>2	0	0	0
Titanium	ppm	ASTM D5185m	>2	0	0	<1
Silver	ppm	ASTM D5185m	>2	0	0	<1
Aluminum	ppm	ASTM D5185m	>20	1	2	2
Lead	ppm	ASTM D5185m	>40	0	<1	1
Copper	ppm	ASTM D5185m	>330	<1	0	34
Tin	ppm	ASTM D5185m	>15	0	0	<1
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	0	9
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	60	56	56	43
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	1010	967	1034	653
Calcium	ppm	ASTM D5185m	1070	958	1106	792
Phosphorus	ppm	ASTM D5185m	1150	1050	1072	776
Zinc	ppm	ASTM D5185m	1270	1247	1274	948
Sulfur	ppm	ASTM D5185m	2060	3126	2962	2292
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	4	4	9
Sodium	ppm	ASTM D5185m		3	6	5
Potassium	ppm	ASTM D5185m	>20	1	2	<1
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>6	0.2	2.1	0.1
Nitration	Abs/cm	*ASTM D7624	>20	5.7	13.2	5.5
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.2	26.0	20.4
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	14.2	23.7	16.0
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	8.8	7.9	5.6
(-)	0 - 0					



OIL ANALYSIS REPORT

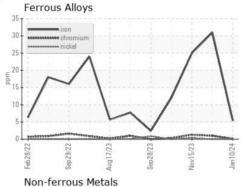


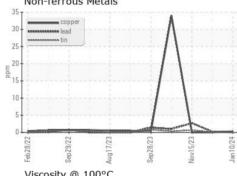


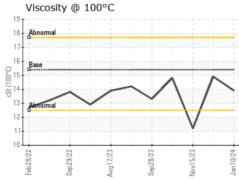
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual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

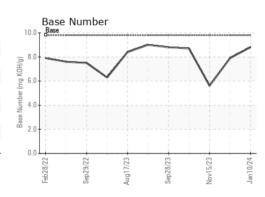
FLUID FROF	ENTIES	method			HISTORY	HISTORYZ
Visc @ 100°C	cSt	ASTM D445	15.4	13.9	14.9	<u> </u>

GRAPHS













Certificate L2367

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

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0110005 : 06064807 : 10836189

Recieved : 18 Jan 2024 Diagnosed : 19 Jan 2024 Diagnostician : Wes Davis

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)