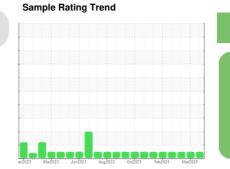


OIL ANALYSIS REPORT

(62A0X15) ALEXANDER CITY





NORMAL

Area

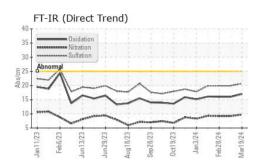
725028-254503 **Diesel Engine**

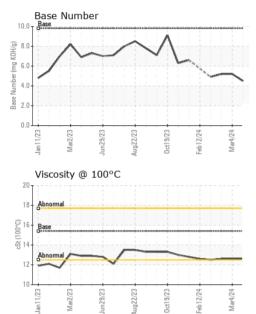
PETRO CANADA DURON SHP 15W40 (--- LTR)

IAGNOSIS	SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
commendation	Sample Number		Client Info		GFL0089928	GFL0080720	GFL008071
sample at the next service interval to monitor.	Sample Date		Client Info		19 Mar 2024	04 Mar 2024	28 Feb 2024
ar	Machine Age	hrs	Client Info		20146	20031	20011
component wear rates are normal.	Oil Age	hrs	Client Info		2404	0	2269
	Oil Changed		Client Info		N/A	N/A	Not Changd
ntamination ere is no indication of any contamination in the	Sample Status				NORMAL	NORMAL	NORMAL
	CONTAMINA	ΓΙΟΝ	method	limit/base		history1	history2
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.	Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
	Water		WC Method		NEG	NEG	NEG
	Glycol		WC Method	20.2	NEG	NEG	NEG
	WEAR META	S	method	limit/base		history1	history2
						· · · · · ·	
	Iron	ppm	ASTM D5185m		9	8	8
	Chromium	ppm	ASTM D5185m		0	0	0
	Nickel	ppm	ASTM D5185m		0	0	0
	Titanium	ppm	ASTM D5185m		0	0	0
	Silver	ppm	ASTM D5185m		0	0	0
	Aluminum	ppm	ASTM D5185m		3	3	3
	Lead	ppm	ASTM D5185m		0	0	0
	Copper	ppm	ASTM D5185m		3	3	3
	Tin	ppm	ASTM D5185m	>15	0	0	<1
	Vanadium	ppm	ASTM D5185m		0	<1	<1
	Cadmium	ppm	ASTM D5185m		0	0	0
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m		7	9	8
	Barium	ppm	ASTM D5185m	0	0	0	0
	Molybdenum	ppm	ASTM D5185m	60	62	63	63
	Manganese	ppm	ASTM D5185m	0	0	<1	<1
	Magnesium	ppm	ASTM D5185m	1010	951	851	869
	Calcium	ppm	ASTM D5185m	1070	1180	1069	1088
	Phosphorus	ppm	ASTM D5185m	1150	986	877	925
	Zinc	ppm	ASTM D5185m	1270	1243	1068	1097
	Sulfur	ppm	ASTM D5185m	2060	3768	2770	2850
	CONTAMINA	NTS	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>25	6	5	5
	Sodium	ppm	ASTM D5185m		5	6	6
	Potassium	ppm	ASTM D5185m	>20	<1	0	0
	INFRA-RED		method	limit/base	current	history1	history2
	Soot %	%	*ASTM D7844	>4	0.2	0.1	0.1
	Nitration	Abs/cm	*ASTM D7624	>20	9.7	9.2	9.2
	Sulfation	Abs/.1mm	*ASTM D7415	>30	20.7	19.9	19.9
	FLUID DEGRA	DATION	method	limit/base	current	history1	history2
			****	05	47.0	10.0	10.0
	Oxidation	Abs/.1mm	*ASTM D7414	>25	17.0	16.0	16.0



OIL ANALYSIS REPORT





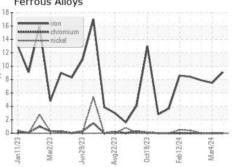
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	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 PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	15.4	12.6	12.6	12.6
GRAPHS						

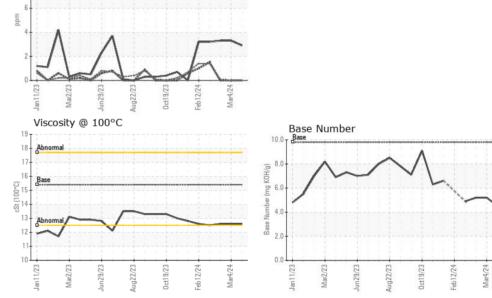
Ferrous Alloys

Non-ferrous Metals

lead

10





Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 GFL Environmental - 172 - Montgomery-Alexander City-Tallahassee Sample No. : GFL0089928 Received : 05 Apr 2024 **Multiple Sites** Lab Number : 06139733 Tested : 06 Apr 2024 Montgomery, AL US 36108 Unique Number : 10964541 Diagnosed : 06 Apr 2024 - Wes Davis Test Package : FLEET Contact: RICHARD HATFIELD Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. rhatfield@gflenv.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Report Id: GFL172 [WUSCAR] 06139733 (Generated: 04/06/2024 04:32:03) Rev: 1

Submitted By: Lisa Reeves Page 2 of 2