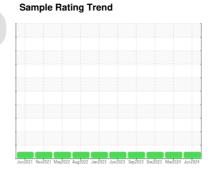


OIL ANALYSIS REPORT



Area (**BC71118**) 4551M Diesel Engine

PETRO CANADA DURON SHP 15W40 (5 GAL)





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

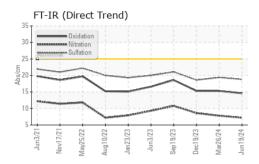
Fluid Condition

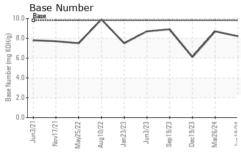
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

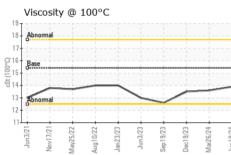
SAMPLE INFORMA	ATION	method	limit/base	current	history1	history2	
Sample Number		Client Info		GFL0124754	GFL0115079	GFL0107082	
Sample Date		Client Info		19 Jun 2024	26 Mar 2024	19 Dec 2023	
Machine Age	nrs	Client Info		20245	20283	20272	
	nrs	Client Info		118	156	600	
Oil Changed		Client Info		Changed	Not Changd	Not Changd	
Sample Status				NORMAL	NORMAL	NORMAL	
CONTAMINATIO	N	method	limit/base	current	history1	history2	
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0	
Water		WC Method	>0.2	NEG	NEG	NEG	
Glycol		WC Method		NEG	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2	
Iron p	opm	ASTM D5185m	>90	35	63	9	
Chromium	opm	ASTM D5185m	>20	2	4	<1	
	opm	ASTM D5185m	>2	<1	0	0	
	opm	ASTM D5185m	>2	<1	<1	0	
	opm	ASTM D5185m	>2	0	0	0	
	opm	ASTM D5185m	>20	6	14	2	
	opm	ASTM D5185m	>40	<1	0	0	
	opm		>330	1	<1	2	
	opm	ASTM D5185m	>15	<1	<1	0	
'	opm	ASTM D5185m		0	0	0	
	opm	ASTM D5185m		0	0	0	
ADDITIVES		method	limit/base	current	history1	history2	
_	opm	ASTM D5185m	0	4	2	<1	
	opm		0	0	0	0	
	opm	ASTM D5185m	60	60	55	59	
	opm		0	<1	1	0	
	opm	ASTM D5185m	1010	947	887	903	
,	opm	ASTM D5185m	1070	1190	965	1068	
	opm	ASTM D5185m	1150	1075	1003	945	
	opm	ASTM D5185m	1270	1349	1187	1208	
	opm	ASTM D5185m	2060	3884	3249	3072	
CONTAMINANT	S	method	limit/base	current	history1	history2	
Silicon	opm	ASTM D5185m	>25	9	18	2	
'	opm	ASTM D5185m		4	8	2	
	opm	ASTM D5185m	>20	<1	3	4	
INFRA-RED		method	limit/base	current	history1	history2	
Soot %	%	*ASTM D7844	>6	0.4	0.6	0.3	
	Abs/cm	*ASTM D7624	>20	7.2	7.8	8.6	
	Abs/.1mm	*ASTM D7415	>30	18.8	19.4	18.6	
FLUID DEGRADATION method limit/base current history1 history2							
Oxidation /	Abs/.1mm	*ASTM D7414	>25	14.6	15.3	15.3	
	ng KOH/g	ASTM D2896		8.2	8.7	6.1	
Dase Mullibel (DIM)	ily NON/y	79 LINI D5020	5.0	0.2	0.7	0.1	



OIL ANALYSIS REPORT



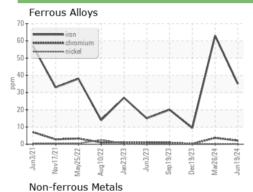


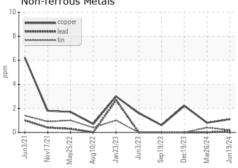


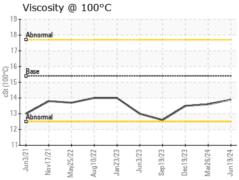
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual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

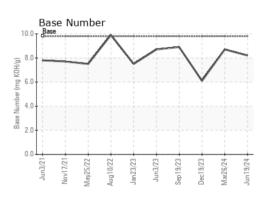
FLUID PROPERTIES		method				history2	
Visc @ 100°C	cSt	ASTM D445	15.4	13.9	13.6	13.5	

GRAPHS













Certificate 12367

Laboratory Sample No.

: GFL0124754 Lab Number : 06224358 Unique Number : 11102555

Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 01 Jul 2024 **Tested**

: 02 Jul 2024 Diagnosed

: 02 Jul 2024 - Jonathan Hester

GFL Environmental - 405 - Arbor Hills 7811 Chubb Rd NORTHVILLE, MI US 48168

Contact: Anthony Hopkins ahopkins@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: