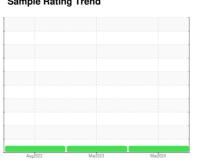


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id **THOMAS 608**

Diesel Engine

PETRO CANADA DURON HP 15W40 (--- GAL)

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.

AL) Aug2022 Mar2023 Mar2024						
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0906265	WC0792778	WC0727428
Sample Date		Client Info		22 Mar 2024	06 Mar 2023	24 Aug 2022
Machine Age	mls	Client Info		99763	80126	66225
Oil Age	mls	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATIO	N	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<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	ppm	ASTM D5185m	>100	27	14	15
Chromium	ppm	ASTM D5185m	>20	1	<1	<1
Nickel	ppm	ASTM D5185m	>4	1	<1	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>3	0	0	<1
Aluminum	ppm	ASTM D5185m	>20	7	4	6
Lead	ppm	ASTM D5185m	>40	<1	0	<1
Copper	ppm	ASTM D5185m	>330	3	<1	1
Tin	ppm	ASTM D5185m	>15	1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	<1	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		7	19	16
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		65	61	62
Manganese	ppm	ASTM D5185m		1	<1	<1
Magnesium	ppm	ASTM D5185m		996	841	856
Calcium	ppm	ASTM D5185m		1170	1148	1066
Phosphorus	ppm	ASTM D5185m		1070	974	986
Zinc	ppm	ASTM D5185m		1291	1181	1196
Sulfur	ppm	ASTM D5185m		3275	2986	2913
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	7	4	4
Sodium	ppm	ASTM D5185m		2	2	0
Potassium	ppm	ASTM D5185m	>20	8	4	6
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.3	0.3	0.3
Nitration	Abs/cm	*ASTM D7624	>20	8.4	6.8	7.6
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.9	18.0	19.7
FLUID DEGRADATION method			limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	15.5	13.6	15.6
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	8.1	8.9	9.2



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: WC0906265 Lab Number : 06143575

Unique Number : 10968383

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 09 Apr 2024 **Tested** Diagnosed

: 10 Apr 2024

: 10 Apr 2024 - Wes Davis Test Package : MOB 1 (Additional Tests: TBN)

GOLDSBORO, NC US 27530 Contact: BRANDON BRIGGS brandonbriggs@wcps.org

1603 SALEM CHURCH RD

WAYNE CO SCHOOL BUS GARAGE

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

Contact/Location: BRANDON BRIGGS - WAYGOL

T:

F: