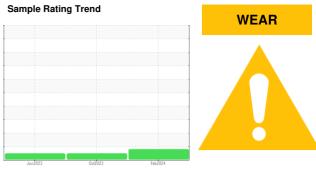


OIL ANALYSIS REPORT

(36138Z) Walgreens - Tractor [Walgreens - Tractor] 136A62555

Diesel Engine

PETRO CANADA DURON SHP 10W30 (11 GAL)



DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

Valve wear is indicated. All other component wear rates are normal.

Contamination

There is no indication of any contamination in the

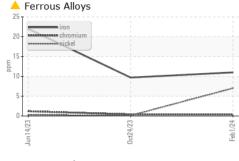
Fluid Condition

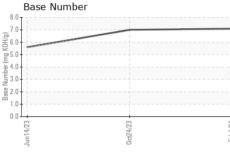
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

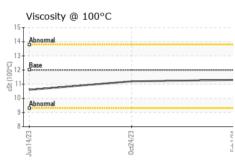
<i>A</i> AL)		Jur	2023	Oct2023 Feb20	24	
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0103643	PCA0103712	PCA0093597
Sample Date		Client Info		01 Feb 2024	24 Oct 2023	14 Jun 2023
Machine Age	mls	Client Info		187970	160307	144668
Oil Age	mls	Client Info		27663	15638	27023
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>2.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	11	10	22
Chromium	ppm	ASTM D5185m	>20	<1	<1	1
Nickel	ppm	ASTM D5185m	>4	<u> </u>	<1	<1
Titanium	ppm	ASTM D5185m		2	11	2
Silver	ppm	ASTM D5185m	>3	<1	0	0
Aluminum	ppm	ASTM D5185m	>20	4	4	5
Lead	ppm	ASTM D5185m	>40	2	1	7
Copper	ppm	ASTM D5185m	>330	17	<1	<1
Tin	ppm	ASTM D5185m	>15	1	<1	2
Vanadium	ppm	ASTM D5185m		<1	<1	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	12	12	7
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	50	48	44	51
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	950	789	781	796
Calcium	ppm	ASTM D5185m	1050	1169	1078	1045
Phosphorus	ppm	ASTM D5185m	995	964	966	932
Zinc	ppm	ASTM D5185m	1180	1236	1179	1191
Sulfur	ppm	ASTM D5185m	2600	3044	2959	3254
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	5	4	4
Sodium	ppm	ASTM D5185m		3	<1	1
Potassium	ppm	ASTM D5185m	>20	8	6	4
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.2	0.3	0.4
Nitration	Abs/cm	*ASTM D7624	>20	8.1	7.9	9.1
Sulfation	Abs/.1mm	*ASTM D7415	>30	20.0	18.6	21.2
FLUID DEGRAD	OATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	16.7	14.4	17.3
Base Number (BN)	mg KOH/g	ASTM D2896		7.1	7.0	5.6

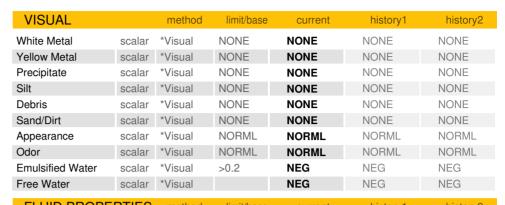


OIL ANALYSIS REPORT



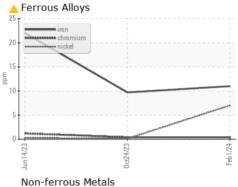


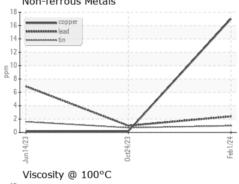


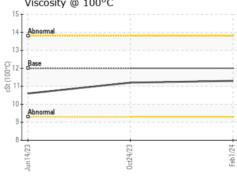


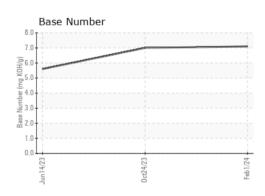
FLUID FROF	LHILS	memou	IIIIII/Dase	Current	HISTOLAL	HISTOLA
Visc @ 100°C	cSt	ASTM D445	12.00	11.3	11.2	10.6

GRAPHS











Certificate L2367

Laboratory Sample No. Lab Number : 06080522

Test Package : FLEET

: PCA0103643 **Unique Number** : 10862613

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 05 Feb 2024 **Tested**

: 06 Feb 2024 : 07 Feb 2024 - Don Baldridge Diagnosed

Transervice - Shop 1365 - Berkeley-Nazareth

6813 Chrisphalt Drive Bath Borough, PA US 18014

T: (610)837-8103

Contact: Stephen Mackes smackes@transervice.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)

F: (610)837-8105