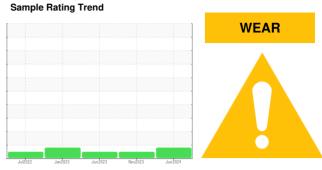


OIL ANALYSIS REPORT

(92463X) Walgreens - Tractor [Walgreens - Tractor] 136A62033

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

The aluminum level is abnormal. 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.

AAL)		JUI2022	Janzuza	Jun2023 N0V2023	Jun2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0128184	PCA0111792	PCA0097092
Sample Date		Client Info		07 Jun 2024	22 Nov 2023	19 Jun 2023
Machine Age	mls	Client Info		716915	658872	579301
Oil Age	mls	Client Info		58043	79571	60692
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL
CONTAMINAT	ION	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 METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>80	57	44	40
Chromium	ppm	ASTM D5185m	>5	5	4	4
Nickel	ppm	ASTM D5185m	>2	<1	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>3	<1	<1	0
Aluminum	ppm	ASTM D5185m	>30	<u>^</u> 31	23	18
Lead	ppm	ASTM D5185m	>30	0	0	0
Copper	ppm	ASTM D5185m	>150	6	4	6
Tin	ppm	ASTM D5185m	>5	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	5	3	1
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	50	65	61	69
Manganese	ppm	ASTM D5185m	0	2	<1	<1
Magnesium	ppm	ASTM D5185m	950	929	864	915
Calcium	ppm	ASTM D5185m	1050	1217	1038	1117
Phosphorus	ppm	ASTM D5185m	995	1051	972	990
Zinc	ppm	ASTM D5185m	1180	1265	1149	1232
Sulfur	ppm	ASTM D5185m	2600	2996	2378	2713
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	9	7	8
Sodium	ppm	ASTM D5185m		3	2	<1
Potassium	ppm	ASTM D5185m	>20	4	3	2
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	1.2	1.3	0.8
Nitration	Abs/cm	*ASTM D7624		11.1	11.6	9.9
Sulfation	Abs/.1mm	*ASTM D7415	>30	24.6	27.3	23.4
FLUID DEGRAD	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	21.3	24.3	19.6
Base Number (BN)	mg KOH/g	ASTM D2896	-	4.5	4.4	5.9
		222000				



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

: PCA0128184 Lab Number : 06211361 Unique Number : 11084225

Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received

: 17 Jun 2024 **Tested** : 19 Jun 2024

Diagnosed : 19 Jun 2024 - Don Baldridge

Transervice - Shop 1373 - Berkeley-Anderson/Pendergrass

101 Alliance Parkway Willamston, SC US 29697

Contact: Sonny Boucher sboucher@transervice.com T: (864)226-2304

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) F: (864)226-2329