

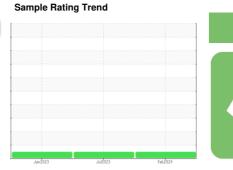
OIL ANALYSIS REPORT

Area

(16056Z) Walgreens - Tractor [Walgreens - Tractor] 136A61342

Diesel Engine

PETRO CANADA DURON SHP 10W30 (11 GAL)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

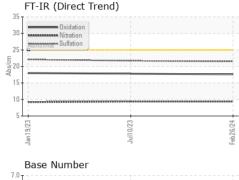
Fluid Condition

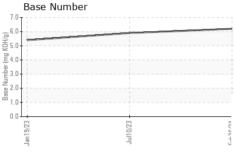
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

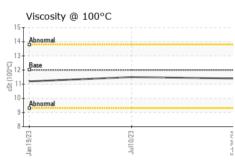
GAL)		Ja	2023	Jul2023 Feb20	24	
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0115825	PCA0096033	PCA0090890
Sample Date		Client Info		26 Feb 2024	10 Jul 2023	19 Jan 2023
Machine Age	mls	Client Info		346896	315041	266556
Oil Age	mls	Client Info		50000	48485	30000
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	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	33	23	24
Chromium	ppm	ASTM D5185m	>5	4	2	2
Nickel	ppm	ASTM D5185m	>2	<1	0	0
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m	>3	<1	0	0
Aluminum	ppm	ASTM D5185m	>30	23	8	9
Lead	ppm	ASTM D5185m	>30	<1	<1	0
Copper	ppm	ASTM D5185m	>150	6	4	5
Tin	ppm	ASTM D5185m	>5	<1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	3	0	0
Barium	ppm	ASTM D5185m	0	0	0	<1
Molybdenum	ppm	ASTM D5185m	50	64	62	60
Manganese	ppm	ASTM D5185m	0	1	<1	<1
Magnesium	ppm	ASTM D5185m	950	981	996	864
Calcium	ppm	ASTM D5185m		1149	1155	1028
Phosphorus	ppm	ASTM D5185m	995	1159	1018	922
Zinc	ppm	ASTM D5185m	1180	1320	1315	1148
Sulfur	ppm	ASTM D5185m	2600	3146	3211	2307
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	6	3	4
Sodium	ppm	ASTM D5185m		2	2	<1
Potassium	ppm	ASTM D5185m	>20	6	5	6
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.9	1	0.9
Nitration	Abs/cm	*ASTM D7624	>20	9.4	9.4	9.2
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.5	21.7	22.1
FLUID DEGRAI	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.6	17.8	18.0
Base Number (BN)	mg KOH/g	ASTM D2896		6.2	5.9	5.4

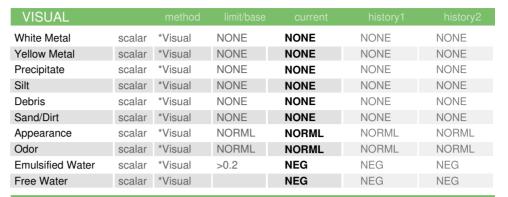


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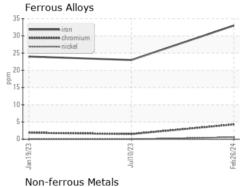


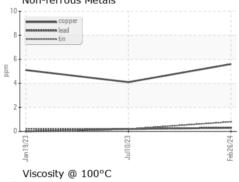


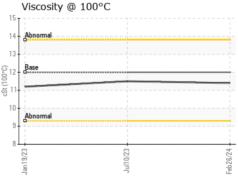


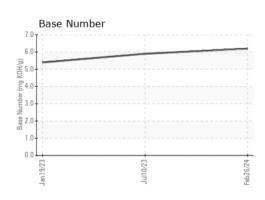
FLUID PROP	ERHES	method			history1	history2
Visc @ 100°C	cSt	ASTM D445	12.00	11.4	11.5	11.2

GRAPHS













Certificate 12367

Laboratory Sample No.

: PCA0115825 Lab Number : 06140577

Unique Number : 10965385 Test Package : FLEET

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

: 08 Apr 2024 : 08 Apr 2024 - Wes Davis

Transervice - Shop 1370 - Berkeley-Perrysburg

28727 Oregon Road Perrysburg, OH US 43551

Contact: Curtis Hart chart@transervice.com T: (419)666-3277

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: (419)666-3279