

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Area (40579Z) Walgreens Machine Id [Walgreens] 136A62553 Component

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.

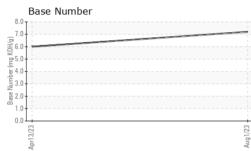
Fluid Condition

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

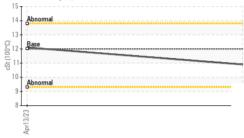
,			Apr2023	Aug2023		
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0093566	PCA0093645	
Sample Date		Client Info		01 Aug 2023	13 Apr 2023	
Machine Age	mls	Client Info		181951	146530	
Oil Age	mls	Client Info		35421	0	
Oil Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	ABNORMAL	
CONTAMINATI	ON	method	limit/base	current	history1	history2
Fuel		WC Method	>2.0	<1.0	<1.0	
Glycol		WC Method		NEG	NEG	
WEAR METALS	5	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	15	43	
Chromium	ppm	ASTM D5185m	>20	<1	2	
Nickel	ppm	ASTM D5185m	>4	0	0	
Titanium	ppm	ASTM D5185m		2	3	
Silver	ppm	ASTM D5185m	>3	0	0	
Aluminum	ppm	ASTM D5185m	>20	5	<u> </u>	
Lead	ppm	ASTM D5185m	>40	3	0	
Copper	ppm	ASTM D5185m	>330	<1	5	
Tin	ppm	ASTM D5185m	>15	<1	<1	
Vanadium	ppm	ASTM D5185m		<1	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	2	8	
Barium	ppm	ASTM D5185m	0	0	0	
Molybdenum	ppm	ASTM D5185m	50	57	64	
Manganese	ppm	ASTM D5185m	0	<1	<1	
Magnesium	ppm	ASTM D5185m	950	925	926	
Calcium	ppm	ASTM D5185m	1050	1176	1255	
Phosphorus	ppm	ASTM D5185m	995	1025	1071	
Zinc	ppm	ASTM D5185m	1180	1249	1352	
Sulfur	ppm	ASTM D5185m	2600	3417	3344	
CONTAMINAN	ΓS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	4	5	
Sodium	ppm	ASTM D5185m		2	3	
Potassium	ppm	ASTM D5185m	>20	8	21	
	ppin					
INFRA-RED	ppm	method	limit/base	current	history1	history2
	%	method *ASTM D7844	limit/base	current 0.3	history1 1	history2
INFRA-RED			>3		, in the second s	
INFRA-RED Soot %	%	*ASTM D7844 *ASTM D7624	>3	0.3	1	
INFRA-RED Soot % Nitration	% Abs/cm Abs/.1mm	*ASTM D7844 *ASTM D7624	>3 >20	0.3 8.3	1 10.4	
INFRA-RED Soot % Nitration Sulfation	% Abs/cm Abs/.1mm	*ASTM D7844 *ASTM D7624 *ASTM D7415 method	>3 >20 >30	0.3 8.3 19.2	1 10.4 23.7	

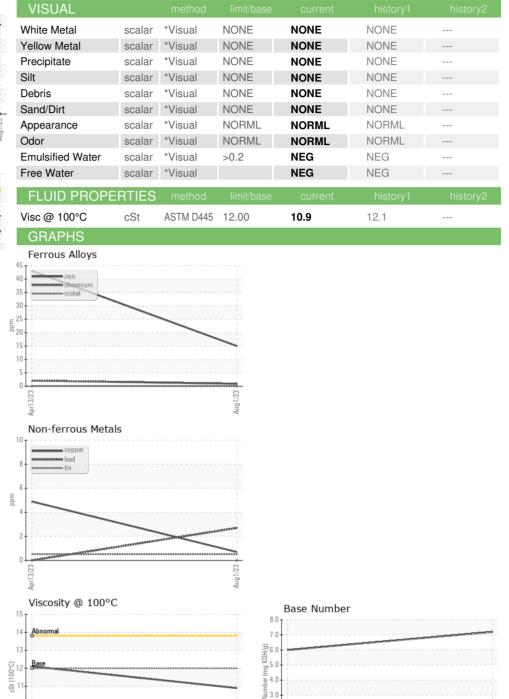


OIL ANALYSIS REPORT



Viscosity @ 100°C





88 2.0

Aug1/23 -

: 22 Aug 2023

: 23 Aug 2023

1.0 0.0

Apr13/23



: Wes Davis Unique Number : 10616692 Diagnostician Test Package : FLEET Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. smackes@transervice.com * - 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)

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

Received

Diagnosed

Abnorma

: PCA0093566

: 05931421

Apr13/23

Report Id: TSV1365 [WUSCAR] 05931421 (Generated: 08/23/2023 14:33:29) Rev: 1

Laboratory

Sample No.

Lab Number

Contact/Location: Stephen Mackes - TSV1365

Transervice - Shop 1365 - Berkeley-Nazareth

6813 Chrisphalt Drive

Contact: Stephen Mackes

Bath Borough, PA

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US 18014

Aug1/23