

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
PC DURON SHP 10W30 - RAV TRUCKING

Component
New (Unused) Oil

Fluid
PETRO CANADA DURON SHP 10W30 (--- GAL)

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample.

Wear

All wear rates are normal and do not indicate presence of waste oil.

Contamination

Appearance is unusual.

Fluid Condition

The condition of the oil appears acceptable for service.

SAMPLE INFORMATION		method	limit/base	current	history 1	history 2
Sample Number	Client Info			PCA0057330	---	---
Sample Date	Client Info			20 Jun 2023	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed	Client Info			N/A	---	---
Sample Status				NORMAL	---	---

WEAR METALS		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m		<1	---	---
Chromium	ppm	ASTM D5185m		0	---	---
Nickel	ppm	ASTM D5185m		0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m		0	---	---
Lead	ppm	ASTM D5185m		0	---	---
Copper	ppm	ASTM D5185m		0	---	---
Tin	ppm	ASTM D5185m		0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
Cadmium	ppm	ASTM D5185m		0	---	---

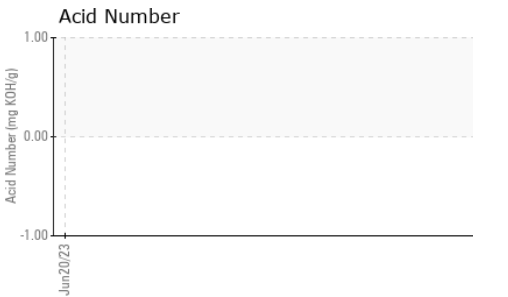
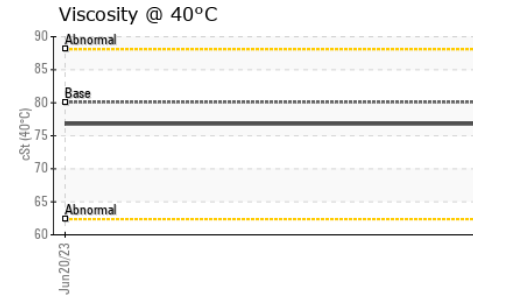
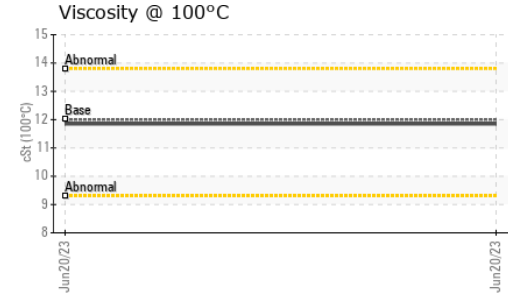
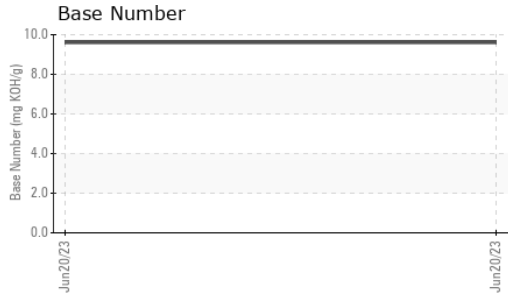
ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m	2	2	---	---
Barium	ppm	ASTM D5185m	0	0	---	---
Molybdenum	ppm	ASTM D5185m	50	61	---	---
Manganese	ppm	ASTM D5185m	0	0	---	---
Magnesium	ppm	ASTM D5185m	950	909	---	---
Calcium	ppm	ASTM D5185m	1050	1122	---	---
Phosphorus	ppm	ASTM D5185m	995	1060	---	---
Zinc	ppm	ASTM D5185m	1180	1218	---	---
Sulfur	ppm	ASTM D5185m	2600	3361	---	---

CONTAMINANTS		method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m		4	---	---
Sodium	ppm	ASTM D5185m		0	---	---
Potassium	ppm	ASTM D5185m	>20	1	---	---

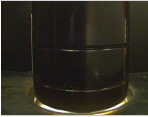
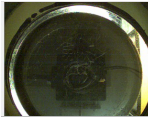
FLUID DEGRADATION		method	limit/base	current	history 1	history 2
Base Number (BN)	mg KOH/g	ASTM D2896		9.61	---	---

VISUAL		method	limit/base	current	history 1	history 2
White Metal	scalar	*Visual	NONE	LIGHT	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual		NEG	---	---
Free Water	scalar	*Visual		NEG	---	---

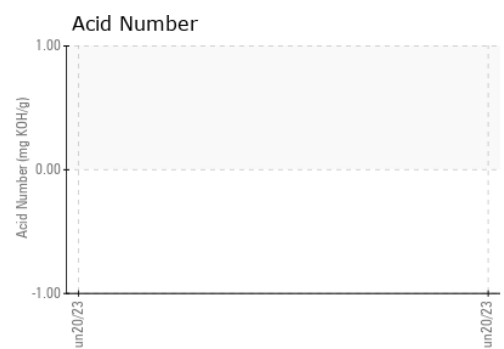
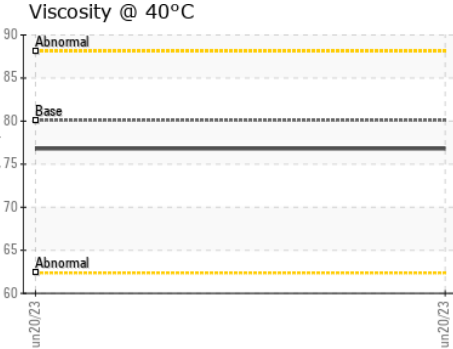
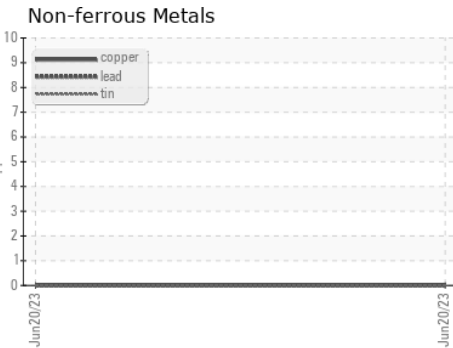
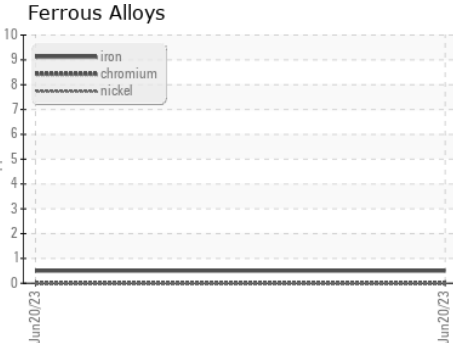
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D445	80.1	76.8	---	---
Visc @ 100°C	cSt	ASTM D445	12.00	11.85	---	---
Viscosity Index (VI)	Scale	ASTM D2270	144	149	---	---

SAMPLE IMAGES		method	limit/base	current	history 1	history 2
Color					no image	no image
Bottom					no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0057330 **Received** : 26 Jun 2023
Lab Number : 05884118 **Diagnosed** : 06 Jul 2023
Unique Number : 10534601 **Diagnostician** : Doug Bogart
Test Package : MOB 2 (Additional Tests: FT-IR, ICP-NewOil, KV100, PrtCount, TBNC)

VALLEY PACIFIC PETROLEUM SERVICES INC
 9521 ENOS LN
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 US 93314
 Contact: BOBBY HERNANDEZ
 ROBERT.HERNANDEZ@VPSS.NET

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)

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F: