



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
Sh 15-40 bulk tank
 Component
Bulk Fluid Tank
 Fluid
PETRO CANADA DURON CLASSIC 15W40 (--- GAL)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		KFS0006055	---	---
Sample Date		Client Info		19 Jun 2024	---	---
Machine Age	hrs	Client Info		1	---	---
Oil Age	hrs	Client Info		1	---	---
Filter Age	hrs	Client Info		1	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				ABNORMAL	---	---

WEAR

Iron	ppm	ASTM D5185m		0	---	---
Chromium	ppm	ASTM D5185m		0	---	---
Nickel	ppm	ASTM D5185m		0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m		2	---	---
Lead	ppm	ASTM D5185m		0	---	---
Copper	ppm	ASTM D5185m		0	---	---
Tin	ppm	ASTM D5185m		0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

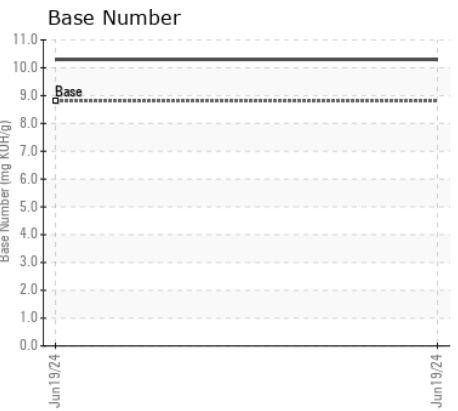
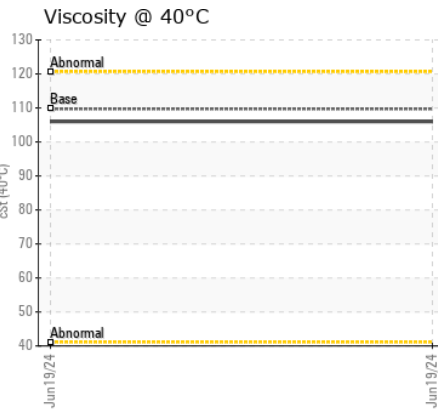
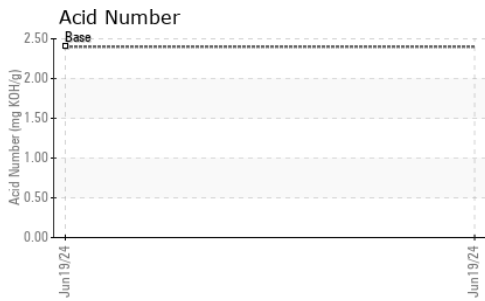
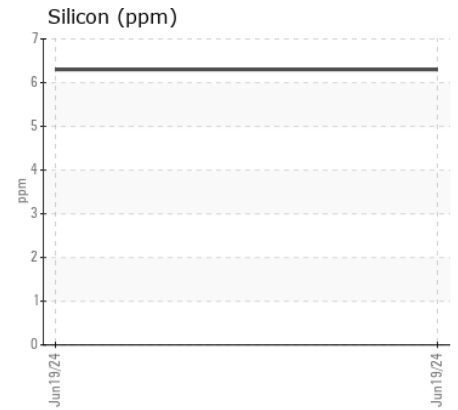
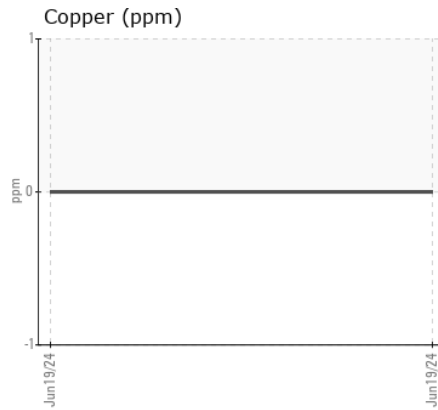
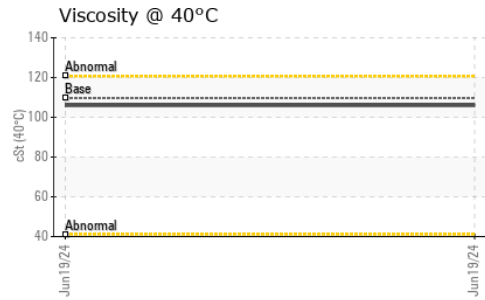
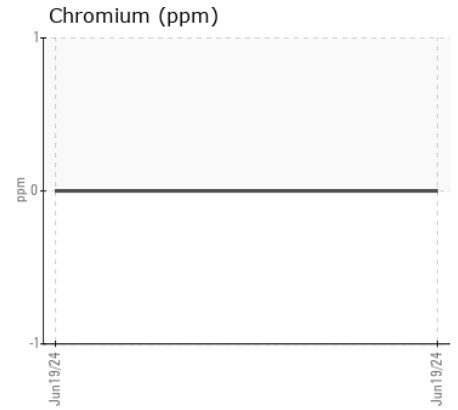
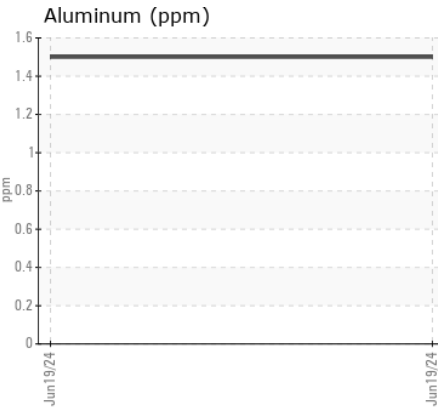
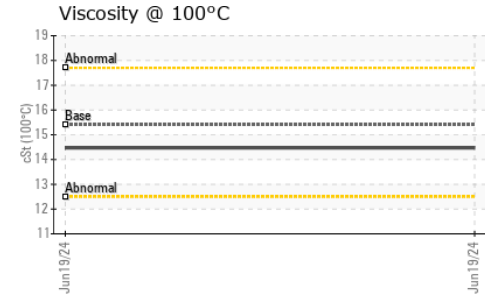
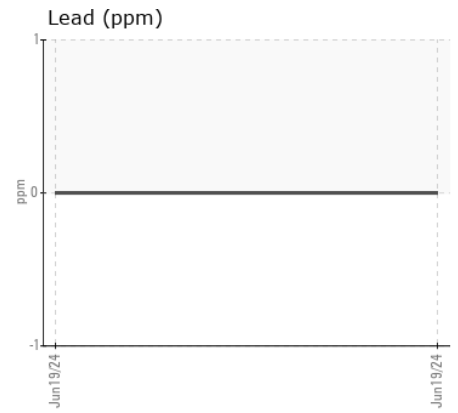
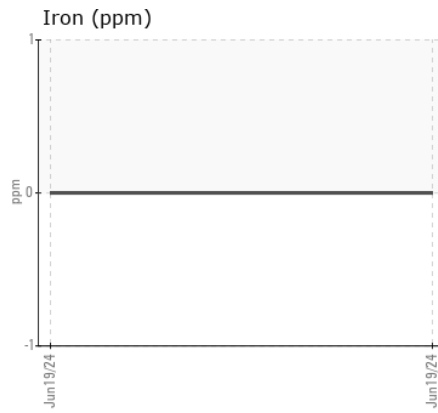
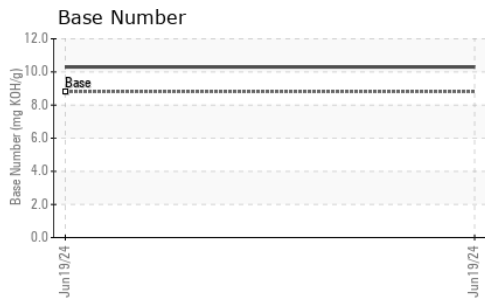
CONTAMINATION

Moderate concentration of visible dirt/debris present in the oil.

Silicon	ppm	ASTM D5185m		6	---	---
Potassium	ppm	ASTM D5185m	>20	<1	---	---
Water		WC Method		NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	▲ MODER	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual		NEG	---	---

FLUID CONDITION

Sodium	ppm	ASTM D5185m		0	---	---
Boron	ppm	ASTM D5185m	0	10	---	---
Barium	ppm	ASTM D5185m	0	0	---	---
Molybdenum	ppm	ASTM D5185m	0	65	---	---
Manganese	ppm	ASTM D5185m	0	0	---	---
Magnesium	ppm	ASTM D5185m	15	1007	---	---
Calcium	ppm	ASTM D5185m	2540	1182	---	---
Phosphorus	ppm	ASTM D5185m	1000	1114	---	---
Zinc	ppm	ASTM D5185m	1100	1348	---	---
Sulfur	ppm	ASTM D5185m	3800	3863	---	---
Base Number (BN)	mg KOH/g	ASTM D2896	8.8	10.30	---	---
Visc @ 40°C	cSt	ASTM D445	109.7	106.0	---	---
Visc @ 100°C	cSt	ASTM D445	15.4	14.47	---	---
Viscosity Index (VI)	Scale	ASTM D2270	149	140	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : KFS0006055 **Received** : 26 Jun 2024
Lab Number : 06221756 **Tested** : 28 Jun 2024
Unique Number : 11099953 **Diagnosed** : 28 Jun 2024 - Jonathan Hester
Test Package : MOB 2 (Additional Tests: FT-IR, KV100, TBN, VI)

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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)