



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
7516
 Component
Diesel Engine
 Fluid
CHEVRON DELO 400 SAE 10W30 (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

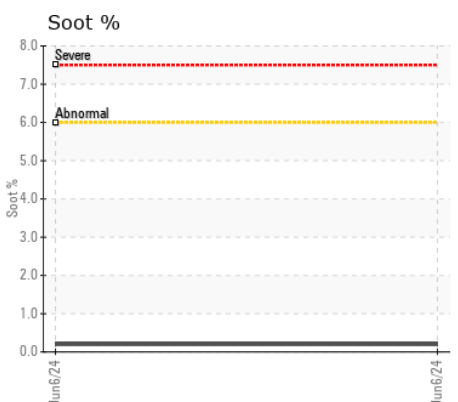
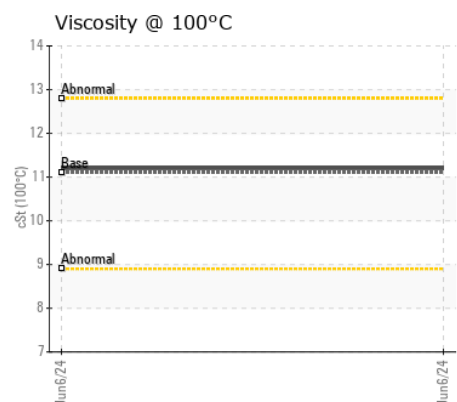
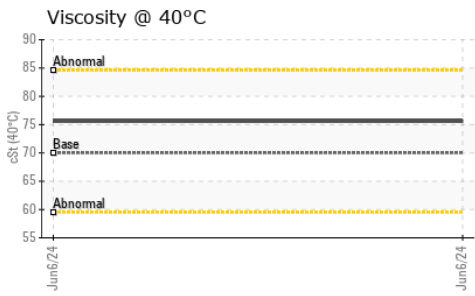
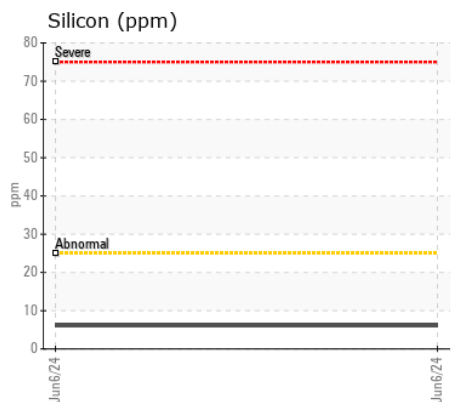
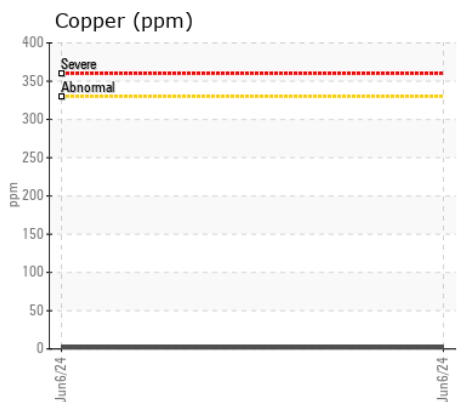
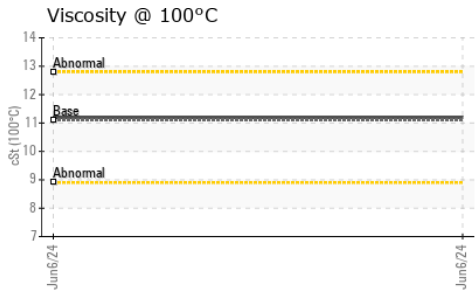
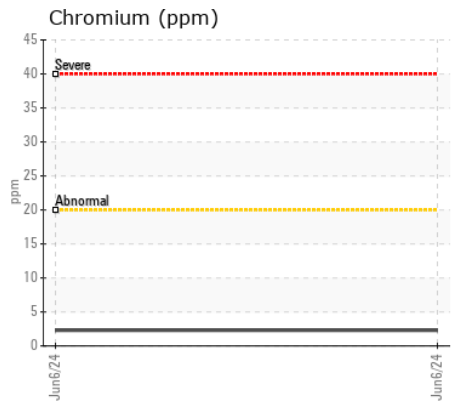
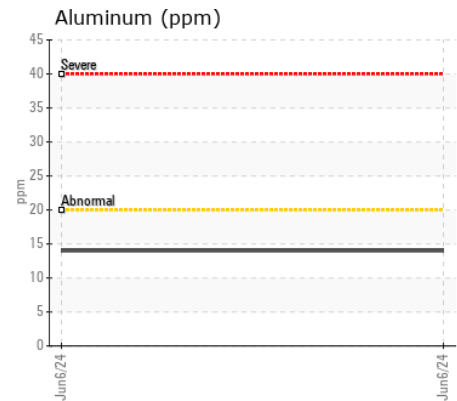
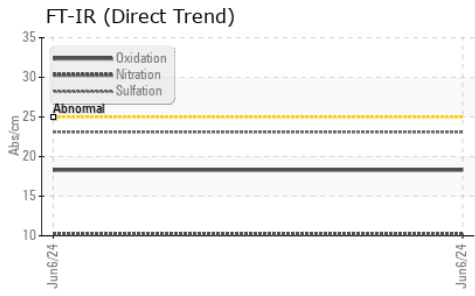
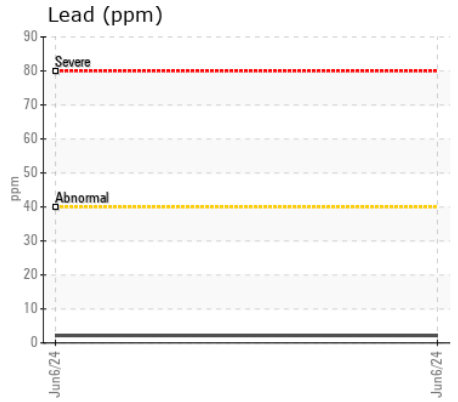
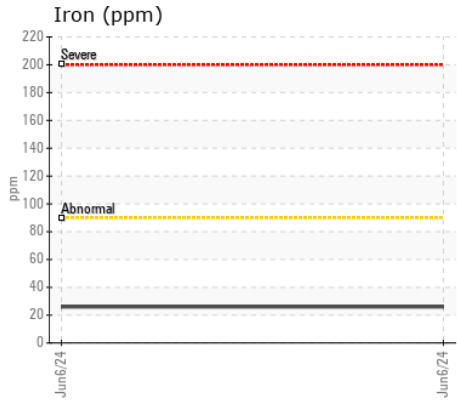
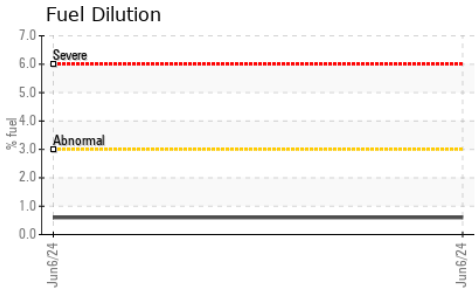
CONTAMINATION

Fuel content negligible. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil.

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0703074	---	---
Sample Date		Client Info		06 Jun 2024	---	---
Machine Age	kms	Client Info		205169	---	---
Oil Age	kms	Client Info		55941	---	---
Filter Age	kms	Client Info		55941	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---
Iron	ppm	ASTM D5185(m)	>90	26	---	---
Chromium	ppm	ASTM D5185(m)	>20	2	---	---
Nickel	ppm	ASTM D5185(m)	>2	<1	---	---
Titanium	ppm	ASTM D5185(m)	>2	0	---	---
Silver	ppm	ASTM D5185(m)	>2	<1	---	---
Aluminum	ppm	ASTM D5185(m)	>20	14	---	---
Lead	ppm	ASTM D5185(m)	>40	2	---	---
Copper	ppm	ASTM D5185(m)	>330	2	---	---
Tin	ppm	ASTM D5185(m)	>15	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>25	6	---	---
Potassium	ppm	ASTM D5185(m)	>20	34	---	---
Fuel	%	ASTM D7593*	>3.0	0.6	---	---
Water		WC Method	>0.2	NEG	---	---
Glycol		WC Method		NEG	---	---
Soot %	%	ASTM D7844*	>6	0.2	---	---
Nitration	Abs/cm	ASTM D7624*	>20	10.2	---	---
Sulfation	Abs/.1mm	ASTM D7415*	>30	23.1	---	---
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*	>0.2	NEG	---	---
Sodium	ppm	ASTM D5185(m)		3	---	---
Boron	ppm	ASTM D5185(m)		27	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		8	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)		728	---	---
Calcium	ppm	ASTM D5185(m)		1318	---	---
Phosphorus	ppm	ASTM D5185(m)	1260	673	---	---
Zinc	ppm	ASTM D5185(m)	1400	777	---	---
Sulfur	ppm	ASTM D5185(m)		2436	---	---
Oxidation	Abs/.1mm	ASTM D7414*	>25	18.3	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	70	75.6	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	11.1	11.2	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	150	138	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **RUSH TRUCK CENTRES OF CANADA**
Sample No. : WC0703074 **Received** : 25 Jun 2024 1750 MCCONNELL AVE
Lab Number : 02643918 **Tested** : 26 Jun 2024 CORNWALL, ON
Unique Number : 5801457 **Diagnosed** : 26 Jun 2024 - Kevin Marson CA K6H 5V3
Test Package : MOB 1 (Additional Tests: FuelDilution, KV40, PercentFuel, VI, Visual) **Contact:** Service Manager
 To discuss this sample report, contact Customer Service at 1-800-268-2131. cornwallservice@rushtruckcentres.ca
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T:
 Validity of results and interpretation are based on the sample and information as supplied. F: