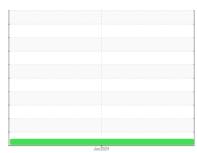


# **OIL ANALYSIS REPORT**

Sample Rating Trend







7492 Component Diesel Engine Fluid SAE 10W30 (--- GAL)

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Machine Id

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

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.

				Jun2024		
SAMPLE INFORM	MATION	method				history2
Sample Number		Client Info		WC0924181		
Sample Date		Client Info		04 Jun 2024		
Machine Age	hrs	Client Info		81280		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	٧	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>90	32		
Chromium	ppm	ASTM D5185(m)	>20	<1		
Nickel	ppm	ASTM D5185(m)	>2	<1		
Titanium	ppm	ASTM D5185(m)	>2	0		
Silver	ppm	ASTM D5185(m)	>2	0		
Aluminum	ppm	ASTM D5185(m)	>20	20		
Lead	ppm	ASTM D5185(m)	>40	0		
Copper	ppm	ASTM D5185(m)	>330	1		
Tin	ppm	ASTM D5185(m)	>15	0		
Antimony	ppm	ASTM D5185(m)		0		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		39		
Barium	ppm	ASTM D5185(m)		0		
Molybdenum	ppm	ASTM D5185(m)		2		
Manganese	ppm	ASTM D5185(m)		<1		
Magnesium	ppm	ASTM D5185(m)		722		
Calcium	ppm	ASTM D5185(m)		1264		
Phosphorus	ppm	ASTM D5185(m)		670		
Zinc	ppm	ASTM D5185(m)		745		
Sulfur	ppm	ASTM D5185(m)		2414		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	4		
Sodium	ppm	ASTM D5185(m)	>228	2		
Potassium	ppm	ASTM D5185(m)	>20	35		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*	>6	0.7		
Nitration	Abs/cm	ASTM D7624*	>20	12.3		
Sulfation	Abs/.1mm	ASTM D7415*	>30	24.1		



## **OIL ANALYSIS REPORT**





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

Lab Number : 02643911 Unique Number : 5801450

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : WC0924181

Received **Tested** Diagnosed

: 26 Jun 2024 - Wes Davis Test Package : MOB 1 ( Additional Tests: KV40, VI, Visual ) To discuss this sample report, contact Customer Service at 1-800-268-2131.

: 25 Jun 2024

: 26 Jun 2024

Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

**Rush Truck Centres** 7450 Torbram Rd. Mississauga, ON **CA L4T 1G9** 

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