



# CONSTRUCTION EQUIPMENT

WADDINGTON 60609 - DIESEL ENGINE



**Sample No:** VCP386731  
**Oil Type:** DIESEL ENGINE OIL SAE 40  
**Job No:**



## SAMPLE INFORMATION

Sample Number	VCP386731	---	---	---
Sample Date	20 Dec 2023	---	---	---
Machine Hours	18470	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**GREAT WEST EQUIPMENT RENTAL FLEET**  
 4700 COLLIER PLACE  
 WILLIAMS LAKE, BC  
 CA V2G 5E9  
 Contact: Aaron Erickson  
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 T: (250)392-9599  
 F:



## OIL CONDITION

Visc @ 100°C	cSt	█ 13.9	---	---	---
Oxidation (PA)	%	57	---	---	---



## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	80	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 4	---	---	---

## Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.  
 All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 11	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 86	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 2454	---	---	---
Magnesium	ppm	█ 18	---	---	---
Zinc	ppm	█ 1264	---	---	---
Phosphorus	ppm	█ 1096	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 41	---	---	---

**Depot:** MAR4700WIL  
**Unique No:** 5706950  
**Signed:** Wes Davis  
**Report Date:** 02 Jan 2024



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## GRAPHS

