



CONSTRUCTION EQUIPMENT

MCMAC 83070313 - DIESEL ENGINE



Sample No: VCP386737
Oil Type: DIESEL ENGINE OIL SAE 40
Job No:



SAMPLE INFORMATION

Sample Number	VCP386737	---	---	---
Sample Date	20 Nov 2023	---	---	---
Machine Hours	21054	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

GREAT WEST EQUIPMENT RENTAL FLEET
 4700 COLLIER PLACE
 WILLIAMS LAKE, BC
 CA V2G 5E9
 Contact: Garrett Gejdos
 ggejdos@gwequipment.com
 T:
 F:



OIL CONDITION

Visc @ 100°C	cSt	█ 14.4	---	---	---
Oxidation (PA)	%	█ 42	---	---	---



CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 43	---	---	---
Sulfation (PA)	%	█ 46	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

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	█ 2	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 14	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1835	---	---	---
Magnesium	ppm	█ 234	---	---	---
Zinc	ppm	█ 992	---	---	---
Phosphorus	ppm	█ 851	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 18	---	---	---

Depot: MAR4700WIL
Unique No: 5684052
Signed: Wes Davis
Report Date: 27 Nov 2023



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GRAPHS

