



CONSTRUCTION EQUIPMENT

SURELINE PROJECTS SL23-061 VCEC350EA00314770 - DIESEL ENGINE



Sample No: VCP370795
Oil Type: DIESEL ENGINE OIL SAE 30
Job No: SL23-061



SAMPLE INFORMATION

Sample Number	VCP370795	---	---	---
Sample Date	18 Oct 2023	---	---	---
Machine Hours	280	---	---	---
Oil Hours	280	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

GREAT WEST EQUIPMENT
P.O. BOX 6067, 12623 CHARLIE LAKE FRONTAGE RD
FORT ST. JOHN, BC
CA V1J 2B0
Contact: Mathew Stockley
mstockley@gwequipmnet.com
T: (250)785-4223
F: (250)785-4237



OIL CONDITION

Visc @ 100°C	cSt	█ 10.9	---	---	---
Oxidation (PA)	%	█ 60	---	---	---



CONTAMINATION

Water	%	█ NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 73	---	---	---
Sulfation (PA)	%	█ 52	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ 0.8	---	---	---
Silicon	ppm	█ 25	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis
No corrective action is recommended at this time. 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 30. Please confirm.
Metal levels are typical for a components first oil change. Fuel content negligible. 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	█ 9	---	---	---
Copper	ppm	█ 59	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 84	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 5	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 2128	---	---	---
Magnesium	ppm	█ 56	---	---	---
Zinc	ppm	█ 1143	---	---	---
Phosphorus	ppm	█ 955	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 58	---	---	---

Depot: VOLVO5076
Unique No: 5694187
Signed: Wes Davis
Report Date: 07 Dec 2023



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GRAPHS

