



CONSTRUCTION EQUIPMENT

NO UNIT INFO PROVIDED - DIESEL ENGINE



Sample No: VCP
Oil Type: DIESEL ENGINE OIL SAE 30
Job No:



SAMPLE INFORMATION

Sample Number	VCP	---	---	---
Sample Date	04 Nov 2021	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT
 655 MOUNTDALE AVENUE
 THUNDER BAY, ON
 CA P7E 6E5
 Contact: Jean-Luc Antier
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 T: (807)475-3052
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OIL CONDITION

Visc @ 100°C	cSt	█ 11.2	---	---	---
Oxidation (PA)	%	█ 85	---	---	---



CONTAMINATION

Water	%	▲ 0.655	---	---	---
Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	█ 91	---	---	---
Sulfation (PA)	%	█ 62	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	█ 1	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 36	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 1796	---	---	---
Magnesium	ppm	█ 503	---	---	---
Zinc	ppm	█ 1190	---	---	---
Phosphorus	ppm	█ 981	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 28	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. No other corrective action is recommended at this time. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 30. Please confirm. Please specify the component make and model with your next sample. All component wear rates are normal. Light fuel dilution occurring. There is a moderate concentration of water present in the oil. Test for glycol is negative. No other contaminants were detected in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: CHATHU
Unique No: 5305747
Signed: Kevin Marson
Report Date: 09 Nov 2021



CONSTRUCTION EQUIPMENT



GRAPHS

