



CONSTRUCTION EQUIPMENT

CROUCH VOLVO L150H 7014 - DIESEL ENGINE



Sample No: VCP384364

Oil Type: NOT GIVEN

Job No: CROUCH



SAMPLE INFORMATION

Sample Number	VCP384364	---	---	---
Sample Date	10 Jan 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ROMCO INC

1350 NE LOOP 820
FORT WORTH, TX
US 76106

Contact: CHRIS BITNER
CBitner@romco.com

T:
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.7	---	---	---
Base Number (BN)	mg KOH/g	█ 7.2	---	---	---
Oxidation (PA)	%	█ 63	---	---	---



CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 74	---	---	---
Sulfation (PA)	%	█ 60	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	▲ 70	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 84	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1529	---	---	---
Magnesium	ppm	█ 606	---	---	---
Zinc	ppm	█ 1051	---	---	---
Phosphorus	ppm	█ 851	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 173	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0081
Unique No: 10294904
Signed: Don Baldrige
Report Date: 18 Jan 2023



CONSTRUCTION EQUIPMENT



GRAPHS

