



CONSTRUCTION EQUIPMENT

VOLVO EC480E 311274 - LEFT SWING DRIVE



Sample No: VCP395035
Oil Type: CHEVRON DELO GEAR ESI OIL 85W140
Job No:



ROMCO INC - AUSTIN BRANCH
 1150 WEST OLD SETTLERS BOULEVARD
 ROUNDROCK, TX
 US 78681
 Contact: ED MAYES
 EMAYES@ROMCO.COM
 T: (737)204-9402
 F: (512)388-2673



SAMPLE INFORMATION

Sample Number	VCP395035	---	---	---
Sample Date	03 Aug 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 158	---	---	---
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CONTAMINATION

Water	%	▲ 0.298	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 38	---	---	---



WEAR METALS

Iron	ppm	█ 632	---	---	---
Copper	ppm	▲ 126	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 36	---	---	---
Magnesium	ppm	█ 5	---	---	---
Zinc	ppm	█ 137	---	---	---
Phosphorus	ppm	█ 749	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 61	---	---	---

Diagnosis

The oil 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. Bearing and/or bushing wear is indicated. All other component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0088
Unique No: 10669667
Signed: Don Baldrige
Report Date: 29 Sep 2023



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GRAPHS

