



CONSTRUCTION EQUIPMENT

VOLVO EC480E 311286 - RIGHT SWING DRIVE



Sample No: VCP441126
Oil Type: CHEVRON DELO GEAR ESI OIL 85W140
Job No:



MCCLUNG-LOGAN EQUIPMENT CO - WISE
 PO BOX 1158
 WISE, VA
 US 24293
 Contact: DANNY BARRINGTON
 dbarrington@mcclung-logan.com
 T:
 F:



SAMPLE INFORMATION

Sample Number	VCP441126	VCP328212	VCP347568	---
Sample Date	30 Nov 2023	09 Nov 2022	23 Aug 2022	---
Machine Hours	6054	5022	4608	---
Oil Hours	6054	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	227	218	152	---
-------------	-----	------------	-----	-----	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	46	122	171	---
Sodium	ppm	17	2	0	---
Potassium	ppm	2	4	2	---



WEAR METALS

Iron	ppm	611	623	1235	---
Copper	ppm	44	49	168	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	7	9	14	---
Chromium	ppm	6	6	9	---
Molybdenum	ppm	<1	11	4	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	<1	<1	1	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	7	7	15	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	23	326	48	---
Magnesium	ppm	6	111	4	---
Zinc	ppm	39	229	136	---
Phosphorus	ppm	857	937	840	---
Barium	ppm	0	0	0	---
Boron	ppm	82	157	113	---

Diagnosis

Resample at the next service interval to monitor. 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.

Depot: VOLVO8881
Unique No: 10779529
Signed: Don Baldrige
Report Date: 12 Dec 2023



CONSTRUCTION EQUIPMENT



GRAPHS

