



CONSTRUCTION EQUIPMENT

W02007667 VOLVO EC380 311872 - REAR LEFT FINAL DRIVE



Sample No: VCP420889
Oil Type: MOBIL MOBILUBE HD 85W140
Job No: W02007667



MCCLUNG-LOGAN EQUIPMENT CO - MANASSAS
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SAMPLE INFORMATION

Sample Number	VCP420889	VCP316391	VCP292251	---
Sample Date	25 Oct 2023	29 Jul 2021	04 Nov 2020	---
Machine Hours	4153	1953	1102	---
Oil Hours	1000	500	500	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	156	191	268	---
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CONTAMINATION

Silicon	ppm	6	3	2	---
Sodium	ppm	2	0	<1	---
Potassium	ppm	0	<1	<1	---



WEAR METALS

Iron	ppm	85	53	30	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	0	0	---
Chromium	ppm	3	2	<1	---
Molybdenum	ppm	14	15	1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	1	1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	460	375	82	---
Magnesium	ppm	89	111	4	---
Zinc	ppm	260	228	33	---
Phosphorus	ppm	803	1018	868	---
Barium	ppm	0	0	0	---
Boron	ppm	160	196	164	---

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: VOLVO0002
Unique No: 10714485
Signed: Sean Felton
Report Date: 31 Oct 2023



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GRAPHS

