



CONSTRUCTION EQUIPMENT

SPM579338 VOLVO P7110B 385256 - REAR RIGHT FINAL DRIVE



Sample No: VCP424873
Oil Type: MOBIL SHC 630
Job No: SPM579338



SAMPLE INFORMATION

Sample Number	VCP424873	---	---	---
Sample Date	15 Jul 2023	---	---	---
Machine Hours	3003	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 202	---	---	---
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CONTAMINATION

Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---

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. The copper level is abnormal. All other 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.



WEAR METALS

Iron	ppm	█ 322	---	---	---
Copper	ppm	▲ 61	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 87	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 37	---	---	---
Phosphorus	ppm	█ 429	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 31	---	---	---

Depot: VOLVO0093
Unique No: 10563999
Signed: Don Baldrige
Report Date: 21 Jul 2023



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GRAPHS

