



CONSTRUCTION EQUIPMENT

SPM633854 ALPINE VOLVO EC480E 391030 - RIGHT SWING DRIVE



Sample No: VCP429120
Oil Type: GEAR OIL SAE 80W90
Job No: SPM633854 ALPINE



ALTA EQUIPMENT CO - ORLAND PARK
5000 INDUSTRIAL HWY
GARY, IN
US 46406
Contact: DAVE ENG
DAVE.ENG@ALTG.COM
T: (312)350-2560
F:

SAMPLE INFORMATION

Sample Number	VCP429120	VCP355046	---	---
Sample Date	15 Nov 2023	21 Jul 2022	---	---
Machine Hours	2564	972	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 199	█ 182	---	---
-------------	-----	-------	-------	-----	-----

CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 17	█ 16	---	---
Sodium	ppm	█ 0	█ 0	---	---
Potassium	ppm	█ 1	█ <1	---	---

WEAR METALS

Iron	ppm	█ 52	█ 109	---	---
Copper	ppm	█ 5	█ 16	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ <1	<1	---	---
Aluminum	ppm	█ 1	2	---	---
Chromium	ppm	█ 1	1	---	---
Molybdenum	ppm	█ 2	█ <1	---	---
Nickel	ppm	█ <1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	█ 1	█ 2	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	▲ 2694	█ 53	---	---
Magnesium	ppm	█ 24	█ 2	---	---
Zinc	ppm	▲ 1157	█ 36	---	---
Phosphorus	ppm	█ 974	█ 273	---	---
Barium	ppm	█ 0	█ 8	---	---
Boron	ppm	█ 4	█ 0	---	---

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: VOLVO8885
Unique No: 10883415
Signed: Don Baldrige
Report Date: 17 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

