



CONSTRUCTION EQUIPMENT

620518 NA MINING VOLVO L180H 5785 - TRANSMISSION (AUTO)



Sample No: VCP426250
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 620518 NA MINING



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP426250	VCP371171	---	---
Sample Date	16 Oct 2023	14 Sep 2023	---	---
Machine Hours	1214	628	---	---
Oil Hours	1214	628	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 29.6	█ 30.25	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 7	█ 8	---	---
Sodium	ppm	█ 4	█ 3	---	---
Potassium	ppm	█ <1	█ 1	---	---



WEAR METALS

Iron	ppm	█ 31	█ 26	---	---
Copper	ppm	█ 4	█ 4	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ <1	█ 0	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	█ 0	0	---	---
Manganese	ppm	█ 4	█ 4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 70	█ 72	---	---
Magnesium	ppm	█ 0	█ 1	---	---
Zinc	ppm	█ 12	█ 13	---	---
Phosphorus	ppm	█ 176	█ 178	---	---
Barium	ppm	█ 0	█ 6	---	---
Boron	ppm	█ 75	█ 80	---	---

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: VOLVO0093
Unique No: 10753515
Signed: Don Baldrige
Report Date: 24 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

