



CONSTRUCTION EQUIPMENT

SW-36534-2 MAVERICK VOLVO L220H 3527 - L220H - FRONT AXLE



Sample No: VCP454331
Oil Type: VOLVO WB 102
Job No: SW-36534-2 MAVERICK



ARNOLD MACHINERY COMPANY
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SALT LAKE CITY, UT
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SAMPLE INFORMATION

Sample Number	VCP454331	---	---	---
Sample Date	02 Jul 2024	---	---	---
Machine Hours	1185	---	---	---
Oil Hours	1185	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 42.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	█ 90	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3867	---	---	---
Magnesium	ppm	█ 10	---	---	---
Zinc	ppm	█ 1582	---	---	---
Phosphorus	ppm	█ 1367	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 118	---	---	---

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: VOLVO8770
Unique No: 11124079
Signed: Sean Felton
Report Date: 15 Jul 2024



CONSTRUCTION EQUIPMENT



GRAPHS

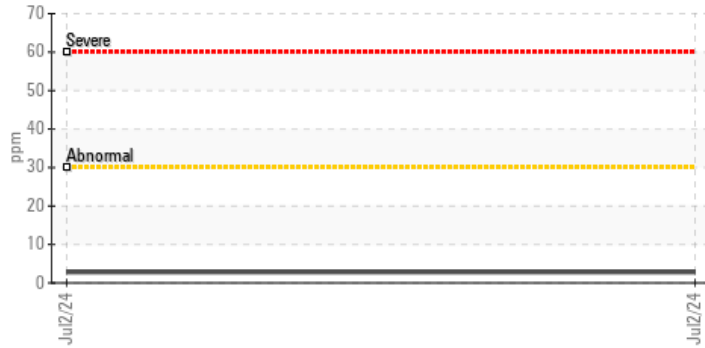
Iron (ppm)



Lead (ppm)



Aluminum (ppm)



Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

