



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 3546 - FRONT AXLE



Sample No: VCP431047
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP431047	VCP429836	---	---
Sample Date	31 Jan 2024	30 Nov 2023	---	---
Machine Hours	1987	1082	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

ARNOLD MACHINERY COMPANY
 464 WASHINGTON STREET S
 TWIN FALLS, ID
 US 83301
 Contact: JANA E HYMAS
 jhymas@arnoldmachinery.com
 T: (208)733-1715
 F: (775)356-7152



OIL CONDITION

Visc @ 40°C	cSt	50.2	42.7	---	---
-------------	-----	-------------	------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	14	14	---	---
Sodium	ppm	<1	4	---	---
Potassium	ppm	0	5	---	---

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.



WEAR METALS

Iron	ppm	78	181	---	---
Copper	ppm	0	1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	2	4	---	---
Molybdenum	ppm	4	4	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	4	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	3132	3651	---	---
Magnesium	ppm	40	5	---	---
Zinc	ppm	1331	1511	---	---
Phosphorus	ppm	1095	1248	---	---
Barium	ppm	0	0	---	---
Boron	ppm	102	118	---	---

Depot: VOLVO1835
Unique No: 10870290
Signed: Wes Davis
Report Date: 08 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

