



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 2268 - FRONT AXLE



Sample No: VCP429830
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP429830	VCP400164	VCP402495	VCP371221
Sample Date	26 Jan 2024	31 Oct 2023	26 Apr 2023	01 Feb 2023
Machine Hours	23943	22857	21868	20986
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	N/A
Sample Status	NORMAL	NORMAL	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	52.8	52.5	51.2	51.1
-------------	-----	------	------	------	------



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	15	18	18
Sodium	ppm	<1	<1	1	0
Potassium	ppm	0	0	0	1

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	29	37	51	78
Copper	ppm	0	0	0	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	1	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	<1	4	9
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3409	3243	3278	3273
Magnesium	ppm	22	28	48	97
Zinc	ppm	1389	1339	1432	1377
Phosphorus	ppm	1142	1022	1133	1134
Barium	ppm	0	0	0	0
Boron	ppm	110	113	112	115

Depot: VOLVO1835
Unique No: 10870296
Signed: Wes Davis
Report Date: 08 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

