



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 3068 - REAR AXLE



Sample No: VCP428885
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP428885	VCP400161	VCP371239	VCP320153
Sample Date	09 Jan 2024	12 Oct 2023	06 Feb 2023	03 Mar 2022
Machine Hours	12343	11271	10014	8057
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Changed
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	54.4	49.3	48.7	47.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	17	16	17	10
Sodium	ppm	0	<1	0	3
Potassium	ppm	1	0	1	2

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	15	9	15	14
Copper	ppm	<1	0	0	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	<1	1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	<1	6	44
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3281	3184	3415	3295
Magnesium	ppm	22	34	45	181
Zinc	ppm	1276	1367	1394	1354
Phosphorus	ppm	1222	1113	1135	1136
Barium	ppm	0	<1	0	0
Boron	ppm	110	106	122	94

Depot: VOLVO1835
Unique No: 10842672
Signed: Wes Davis
Report Date: 22 Jan 2024



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VOLVO GRAPHS

