



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 2268 - FRONT AXLE



Sample No: VCP400164
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP400164	VCP402495	VCP371221	VCP375281
Sample Date	31 Oct 2023	26 Apr 2023	01 Feb 2023	29 Sep 2022
Machine Hours	22857	21868	20986	19273
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	52.5	51.2	51.1	59.0
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CONTAMINATION

Silicon	ppm	15	18	18	13
Sodium	ppm	<1	1	0	2
Potassium	ppm	0	0	1	0



WEAR METALS

Iron	ppm	37	51	78	57
Copper	ppm	0	0	0	<1
Lead	ppm	0	0	0	1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	1	<1	2
Chromium	ppm	0	<1	<1	1
Molybdenum	ppm	<1	4	9	24
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	<1	2
Vanadium	ppm	0	0	0	1



ADDITIVES

Calcium	ppm	3243	3278	3273	2590
Magnesium	ppm	28	48	97	328
Zinc	ppm	1339	1432	1377	1315
Phosphorus	ppm	1022	1133	1134	987
Barium	ppm	0	0	0	0
Boron	ppm	113	112	115	72

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: VOLVO1835
Unique No: 10735635
Signed: Wes Davis
Report Date: 09 Nov 2023

VOLVO **GRAPHS**

