



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 2279 - FRONT AXLE



Sample No: VCP382217
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP382217	VCP382514	VCP375100	VCP375424
Sample Date	28 Aug 2023	15 Feb 2023	30 Nov 2022	12 Aug 2022
Machine Hours	19900	14093	18128	17254
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	51.0	50.8	51.4	56.3
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CONTAMINATION

Silicon	ppm	21	14	15	10
Sodium	ppm	0	0	<1	2
Potassium	ppm	2	1	0	0



WEAR METALS

Iron	ppm	17	12	22	11
Copper	ppm	<1	0	0	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	1
Aluminum	ppm	2	2	1	3
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	3	3	5	18
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	4189	3377	3383	2649
Magnesium	ppm	34	40	60	209
Zinc	ppm	1723	1363	1260	1244
Phosphorus	ppm	1371	1123	1044	989
Barium	ppm	2	0	0	0
Boron	ppm	165	116	111	98

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: 10633286
Signed: Don Baldrige
Report Date: 07 Sep 2023



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GRAPHS

