



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 2279 - FRONT AXLE



Sample No: VCP371216
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP371216	VCP401921	VCP382217	VCP382514
Sample Date	14 Mar 2024	14 Dec 2023	28 Aug 2023	15 Feb 2023
Machine Hours	21838	20856	19900	14093
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	52.4	53.3	51.0	50.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	15	21	14
Sodium	ppm	<1	0	0	0
Potassium	ppm	0	0	2	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	15	9	17	12
Copper	ppm	0	0	<1	0
Lead	ppm	0	1	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	<1	2	2
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	3	<1	3	3
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	3389	3193	4189	3377
Magnesium	ppm	38	6	34	40
Zinc	ppm	1374	1333	1723	1363
Phosphorus	ppm	1130	1027	1371	1123
Barium	ppm	0	0	2	0
Boron	ppm	107	121	165	116

Depot: VOLVO1835
Unique No: 10940884
Signed: Wes Davis
Report Date: 25 Mar 2024



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VOLVO GRAPHS

