



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 2279 - FRONT AXLE



Sample No: VCP401921
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP401921	VCP382217	VCP382514	VCP375100
Sample Date	14 Dec 2023	28 Aug 2023	15 Feb 2023	30 Nov 2022
Machine Hours	20856	19900	14093	18128
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	53.3	51.0	50.8	51.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	15	21	14	15
Sodium	ppm	0	0	0	<1
Potassium	ppm	0	2	1	0

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	9	17	12	22
Copper	ppm	0	<1	0	0
Lead	ppm	1	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	2	2	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	3	3	5
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	3193	4189	3377	3383
Magnesium	ppm	6	34	40	60
Zinc	ppm	1333	1723	1363	1260
Phosphorus	ppm	1027	1371	1123	1044
Barium	ppm	0	2	0	0
Boron	ppm	121	165	116	111

Depot: VOLVO1835
Unique No: 10796055
Signed: Wes Davis
Report Date: 21 Dec 2023



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VOLVO GRAPHS

