



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 2280 - FRONT AXLE



Sample No: VCP382204
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP382204	VCP429825	VCP402045	VCP371240
Sample Date	26 Mar 2024	26 Jan 2024	10 Oct 2023	27 Feb 2023
Machine Hours	23153	22180	21192	20011
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	55.3	53.4	51.5	52.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	16	18	18	16
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	0	0	0	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	20	31	20
Copper	ppm	0	0	0	<1
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	5	0	<1	5
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3431	3307	3265	3292
Magnesium	ppm	77	22	35	42
Zinc	ppm	1422	1360	1342	1257
Phosphorus	ppm	1194	1126	1136	1002
Barium	ppm	0	0	<1	0
Boron	ppm	114	109	111	105

Depot: VOLVO1835
Unique No: 10977823
Signed: Wes Davis
Report Date: 15 Apr 2024



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GRAPHS

