



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 2280 - FRONT AXLE



Sample No: VCP429825
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP429825	VCP402045	VCP371240	VCP395436
Sample Date	26 Jan 2024	10 Oct 2023	27 Feb 2023	06 Dec 2022
Machine Hours	22180	21192	20011	18802
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	53.4	51.5	52.0	51.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	18	16	16
Sodium	ppm	<1	<1	<1	3
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	20	31	20	27
Copper	ppm	0	0	<1	<1
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	0	<1	<1
Aluminum	ppm	<1	<1	<1	2
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	<1	5	6
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3307	3265	3292	3201
Magnesium	ppm	22	35	42	52
Zinc	ppm	1360	1342	1257	1287
Phosphorus	ppm	1126	1136	1002	1023
Barium	ppm	0	<1	0	<1
Boron	ppm	109	111	105	109

Depot: VOLVO1835
Unique No: 10870295
Signed: Wes Davis
Report Date: 08 Feb 2024



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VOLVO GRAPHS

