



CONSTRUCTION EQUIPMENT

TRANSPORT LEASING VOLVO L220H 2279 - REAR AXLE



Sample No: VCP368355
Oil Type: MOBIL MOBILFLUID 424
Job No: TRANSPORT LEASING



SAMPLE INFORMATION

Sample Number	VCP368355	VCP401922	VCP382216	VCP382519
Sample Date	14 Mar 2024	14 Dec 2023	28 Aug 2023	15 Feb 2023
Machine Hours	21838	20856	19900	19093
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	53.4	52.4	51.3	51.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	16	18	15
Sodium	ppm	<1	0	0	0
Potassium	ppm	0	0	1	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	61	50	41	35
Copper	ppm	0	<1	0	0
Lead	ppm	0	1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	2	2
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	3	1	2	3
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	<1	0	0



ADDITIVES

Calcium	ppm	3402	3221	3535	3387
Magnesium	ppm	41	7	27	39
Zinc	ppm	1388	1315	1433	1348
Phosphorus	ppm	1142	1009	1181	1110
Barium	ppm	0	0	2	0
Boron	ppm	108	123	144	116

Depot: VOLVO1835
Unique No: 10940885
Signed: Wes Davis
Report Date: 25 Mar 2024



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GRAPHS

