



CONSTRUCTION EQUIPMENT

SW1024553 VOLVO L90H 624722 - REAR AXLE



Sample No: VCP415382
Oil Type: MOBIL MOBILFLUID 424
Job No: SW1024553



SAMPLE INFORMATION

Sample Number	VCP415382	VCP406967	---	---
Sample Date	25 Sep 2023	09 May 2023	---	---
Machine Hours	3498	3337	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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 PHOENIX, AZ
 US 85040
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 T:
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OIL CONDITION

Visc @ 40°C	cSt	53.8	39.6	---	---
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CONTAMINATION

Silicon	ppm	19	20	---	---
Sodium	ppm	0	6	---	---
Potassium	ppm	2	3	---	---



WEAR METALS

Iron	ppm	28	189	---	---
Copper	ppm	17	272	---	---
Lead	ppm	0	2	---	---
Tin	ppm	2	28	---	---
Aluminum	ppm	3	1	---	---
Chromium	ppm	<1	6	---	---
Molybdenum	ppm	7	6	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	13	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3271	4404	---	---
Magnesium	ppm	73	12	---	---
Zinc	ppm	1452	1818	---	---
Phosphorus	ppm	1142	1539	---	---
Barium	ppm	0	0	---	---
Boron	ppm	130	142	---	---

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.

Depot: VOLVO6174
Unique No: 10672300
Signed: Don Baldrige
Report Date: 02 Oct 2023



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VOLVO GRAPHS

