



CONSTRUCTION EQUIPMENT

A12573 VOLVO L180H 5740 - FRONT AXLE



Sample No: VCP430646
Oil Type: MOBIL WB 102
Job No: A12573



SAMPLE INFORMATION

Sample Number	VCP430646	VCP445517	VCP432245	VCP429688
Sample Date	13 May 2024	22 Mar 2024	24 Jan 2024	08 Dec 2023
Machine Hours	2345	1960	1505	1135
Oil Hours	500	0	500	250
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

WASTE MANAGEMENT - TELFORD
 400 PROGRESS DR
 TELFORD, PA
 US 18969-1191
 Contact: EDWARD ROGENER
 erogener@wm.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	41.3	42.8	43.2	43.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	9	10	12
Sodium	ppm	0	<1	<1	1
Potassium	ppm	3	0	0	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	24	18	16	11
Copper	ppm	1	0	0	0
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	0	<1
Aluminum	ppm	2	<1	0	1
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	5	4	4	3
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	0	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	3	2	2	3
Vanadium	ppm	<1	0	0	<1



ADDITIVES

Calcium	ppm	3196	3109	3241	3247
Magnesium	ppm	51	48	54	62
Zinc	ppm	1370	1265	1467	1414
Phosphorus	ppm	1291	1051	1062	1185
Barium	ppm	0	0	0	0
Boron	ppm	115	93	123	100

Depot: WASTEL
Unique No: 11033069
Signed: Wes Davis
Report Date: 17 May 2024



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VOLVO GRAPHS

