



CONSTRUCTION EQUIPMENT

A12475 VOLVO L120G 30297 - FRONT AXLE



Sample No: VCP439377
Oil Type: MOBIL WB 102
Job No: A12475



SAMPLE INFORMATION

Sample Number	VCP439377	VCP339389	VCP257038	VCP231189
Sample Date	17 Apr 2024	31 Jan 2022	16 Oct 2019	11 May 2018
Machine Hours	17040	16450	15210	13880
Oil Hours	1500	1000	1000	2000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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	41.8	41.9	41.7	41.35
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	11	10	12
Sodium	ppm	2	0	2	2
Potassium	ppm	1	<1	3	2

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	18	13	8	20
Copper	ppm	<1	<1	0	0
Lead	ppm	1	<1	0	0
Tin	ppm	1	<1	0	0
Aluminum	ppm	<1	0	0	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	<1	<1	0	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	<1	<1	0	<1



ADDITIVES

Calcium	ppm	3719	3630	3861	4066
Magnesium	ppm	15	12	11	16
Zinc	ppm	1527	1389	1495	1682
Phosphorus	ppm	1256	1217	1092	1414
Barium	ppm	0	0	0	0
Boron	ppm	117	139	110	119

Depot: WASTEL
Unique No: 10991863
Signed: Don Baldrige
Report Date: 24 Apr 2024



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VOLVO GRAPHS

