



CONSTRUCTION EQUIPMENT

VOLVO L150H 7248 - DIESEL ENGINE



Sample No: VCP404253
Oil Type: MOBIL DELVAC 1300 SUPER15W40
Job No:



SAMPLE INFORMATION

Sample Number	VCP404253	VCP418074	---	---
Sample Date	02 Nov 2023	01 Sep 2023	---	---
Machine Hours	486	253	---	---
Oil Hours	233	253	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 100°C	cSt	12.6	11.4	---	---
Base Number (BN)	mg KOH/g	9.6	7.0	---	---
Oxidation (PA)	%	76	54	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



CONTAMINATION

Soot %	%	0.1	0.1	---	---
Nitration (PA)	%	54	69	---	---
Sulfation (PA)	%	59	50	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	0.5	---	---
Silicon	ppm	10	23	---	---
Sodium	ppm	2	4	---	---
Potassium	ppm	2	4	---	---



WEAR METALS

Iron	ppm	5	9	---	---
Copper	ppm	19	78	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	1	---	---
Aluminum	ppm	2	8	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	47	83	---	---
Nickel	ppm	2	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1583	2242	---	---
Magnesium	ppm	379	19	---	---
Zinc	ppm	919	1278	---	---
Phosphorus	ppm	791	1038	---	---
Barium	ppm	5	0	---	---
Boron	ppm	58	66	---	---

Depot: MARDIC
Unique No: 10729255
Signed: Wes Davis
Report Date: 08 Nov 2023



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GRAPHS

