



CONSTRUCTION EQUIPMENT

VOLVO L150H 6832 - DIESEL ENGINE



Sample No: VCP442304
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:



SCOTT EQUIPMENT COMPANY LLC - Jackson
 3860 I-55 South
 JACKSON, MS
 US 39212
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SAMPLE INFORMATION

Sample Number	VCP442304	VCE62784	---	---
Sample Date	01 Jul 2024	21 Jul 2020	---	---
Machine Hours	8089	1522	---	---
Oil Hours	0	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



OIL CONDITION

Visc @ 100°C	cSt	█ 12.6	█ 13.5	---	---
Base Number (BN)	mg KOH/g	█ 10.4	---	---	---
Oxidation (PA)	%	79	59	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.1	█ 0.2	---	---
Nitration (PA)	%	48	73	---	---
Sulfation (PA)	%	59	57	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 2	█ 4	---	---
Sodium	ppm	█ 1	█ 3	---	---
Potassium	ppm	█ 0	█ 6	---	---



WEAR METALS

Iron	ppm	█ 0	█ 5	---	---
Copper	ppm	█ 0	▲ 236	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ <1	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 36	█ 3	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	█ 0	0	---	---
Manganese	ppm	█ 0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 1703	█ 1419	---	---
Magnesium	ppm	█ 533	█ 770	---	---
Zinc	ppm	█ 1201	█ 803	---	---
Phosphorus	ppm	█ 1016	715	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 57	█ 43	---	---

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot: VOLV08771
Unique No: 11116385
Signed: Wes Davis
Report Date: 11 Jul 2024



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GRAPHS

