



CONSTRUCTION EQUIPMENT

SPM700428 OZINGA VOLVO L150H 6908 - DIESEL ENGINE



Sample No: VCP438853
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SPM700428 OZINGA



SAMPLE INFORMATION

Sample Number	VCP438853	VCP337348	---	---
Sample Date	10 Apr 2024	31 Aug 2021	---	---
Machine Hours	7925	746	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

ALTA EQUIPMENT COMPANY

5210 REESE ROAD
 DAVIE, FL
 US 33314

Contact: N. FACEY
 nfacey@altaequipfl.com
 T: (954)581-4744
 F: (954)583-0318



OIL CONDITION

Visc @ 100°C	cSt	█ 12.8	● 11.1	---	---
Base Number (BN)	mg KOH/g	█ 8.6	---	---	---
Oxidation (PA)	%	61	92	---	---

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.



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.2	█ 0.1	---	---
Nitration (PA)	%	63	66	---	---
Sulfation (PA)	%	53	68	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	█ 0.3	---	---
Silicon	ppm	█ 3	█ 21	---	---
Sodium	ppm	█ <1	█ 3	---	---
Potassium	ppm	█ 2	█ 5	---	---



WEAR METALS

Iron	ppm	█ 3	█ 26	---	---
Copper	ppm	█ 2	▲ 316	---	---
Lead	ppm	█ 2	█ 2	---	---
Tin	ppm	█ 1	█ 4	---	---
Aluminum	ppm	█ 2	█ 2	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 66	█ 40	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	█ 0	<1	---	---
Manganese	ppm	█ <1	█ 4	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	█ 1170	█ 1632	---	---
Magnesium	ppm	█ 1031	█ 490	---	---
Zinc	ppm	█ 1312	█ 1074	---	---
Phosphorus	ppm	█ 1123	█ 920	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 0	█ 46	---	---

Depot: VOLVO0095
Unique No: 10978432
Signed: Sean Felton
Report Date: 17 Apr 2024



CONSTRUCTION EQUIPMENT



GRAPHS

