



CONSTRUCTION EQUIPMENT

SW1033609-1 CINDRLIT VOLVO L90H 627058 - DIESEL ENGINE



Sample No: VCP399622
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SW1033609-1 CINDRLIT



SAMPLE INFORMATION

Sample Number	VCP399622	---	---	---
Sample Date	08 May 2024	---	---	---
Machine Hours	1994	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY
 4136 NORTH DONOVAN WAY
 LAS VEGAS, NV
 US 89030
 Contact: TONY SHAW
 tshaw@arnoldmachinery.com
 T: (702)642-9000
 F:



OIL CONDITION

Visc @ 100°C	cSt	█ 12.9	---	---	---
Base Number (BN)	mg KOH/g	█ 10.1	---	---	---
Oxidation (PA)	%	76	---	---	---

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	---	---	---
Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	53	---	---	---
Sulfation (PA)	%	60	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 37	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1930	---	---	---
Magnesium	ppm	█ 431	---	---	---
Zinc	ppm	█ 1047	---	---	---
Phosphorus	ppm	█ 929	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 52	---	---	---

Depot: VOLVO5856
Unique No: 11019689
Signed: Wes Davis
Report Date: 10 May 2024



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GRAPHS

