



CONSTRUCTION EQUIPMENT

7201 IMERYS REFRAC VOLVO L110H 632521 - DIESEL ENGINE



Sample No: VCP449131
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 7201 IMERYS REFRAC



364 - ASCENDUM MACHINERY INC - MACON
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 MACON, GA
 US 31206
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SAMPLE INFORMATION

Sample Number	VCP449131	---	---	---
Sample Date	13 Dec 2023	---	---	---
Machine Hours	1490	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	█ 13.2	---	---	---
Base Number (BN)	mg KOH/g	█ 10.2	---	---	---
Oxidation (PA)	%	83	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.3	---	---	---
Nitration (PA)	%	60	---	---	---
Sulfation (PA)	%	62	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	█ 12	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 40	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1580	---	---	---
Magnesium	ppm	█ 539	---	---	---
Zinc	ppm	█ 1130	---	---	---
Phosphorus	ppm	█ 887	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 37	---	---	---

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: ASCMAC
Unique No: 10843970
Signed: Wes Davis
Report Date: 23 Jan 2024



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GRAPHS

