



CONSTRUCTION EQUIPMENT

526524 DIPRO MCC TS4080 78882 - DIESEL ENGINE



Sample No: VCP414115
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 526524 DIPRO



SAMPLE INFORMATION

Sample Number	VCP414115	---	---	---
Sample Date	21 Jun 2023	---	---	---
Machine Hours	494	---	---	---
Oil Hours	494	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
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OIL CONDITION

Visc @ 100°C	cSt	█ 14.4	---	---	---
Base Number (BN)	mg KOH/g	█ 9.2	---	---	---
Oxidation (PA)	%	78	---	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a components first oil change. 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	---	---	---
Nitration (PA)	%	65	---	---	---
Sulfation (PA)	%	60	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 11	---	---	---
Copper	ppm	█ 40	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 61	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1687	---	---	---
Magnesium	ppm	█ 535	---	---	---
Zinc	ppm	█ 1397	---	---	---
Phosphorus	ppm	█ 1089	---	---	---
Barium	ppm	█ 14	---	---	---
Boron	ppm	112	---	---	---

Depot: VOLVO2990
Unique No: 10538103
Signed: Wes Davis
Report Date: 02 Jul 2023



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GRAPHS

