



CONSTRUCTION EQUIPMENT

0028 DODGE RAM 5500 1427 - DIESEL ENGINE



Sample No: VCP447817
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: 0028



SAMPLE INFORMATION

Sample Number	VCP447817	---	---	---
Sample Date	27 Dec 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	10	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
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 T:
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OIL CONDITION

Visc @ 100°C	cSt	█ 13.7	---	---	---
Base Number (BN)	mg KOH/g	█ 9.1	---	---	---
Oxidation (PA)	%	67	---	---	---

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 %	%	█ 0.1	---	---	---
Nitration (PA)	%	55	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 9	---	---	---



WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 41	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1287	---	---	---
Magnesium	ppm	█ 575	---	---	---
Zinc	ppm	█ 902	---	---	---
Phosphorus	ppm	█ 769	---	---	---
Barium	ppm	█ 10	---	---	---
Boron	ppm	█ 76	---	---	---

Depot: VOLVO8882
Unique No: 10807934
Signed: Wes Davis
Report Date: 29 Dec 2023



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GRAPHS

