



CONSTRUCTION EQUIPMENT

593789 RENTAL GENIE GTH 1256 GTH12M-837 - DIESEL ENGINE



Sample No: VCP415303
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 593789 RENTAL



SAMPLE INFORMATION

Sample Number	VCP415303	---	---	---
Sample Date	16 Aug 2023	---	---	---
Machine Hours	479	---	---	---
Oil Hours	479	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
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OIL CONDITION

Visc @ 100°C	cSt	█ 12.4	---	---	---
Base Number (BN)	mg KOH/g	█ 8.0	---	---	---
Oxidation (PA)	%	56	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Metal levels are typical for a components first oil change. Fuel content negligible. 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)	%	54	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.8	---	---	---
Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 4	---	---	---



WEAR METALS

Iron	ppm	█ 26	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ 55	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 1650	---	---	---
Magnesium	ppm	█ 539	---	---	---
Zinc	ppm	█ 1260	---	---	---
Phosphorus	ppm	█ 1069	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	119	---	---	---

Depot: VOLVO2990
Unique No: 10616589
Signed: Wes Davis
Report Date: 24 Aug 2023

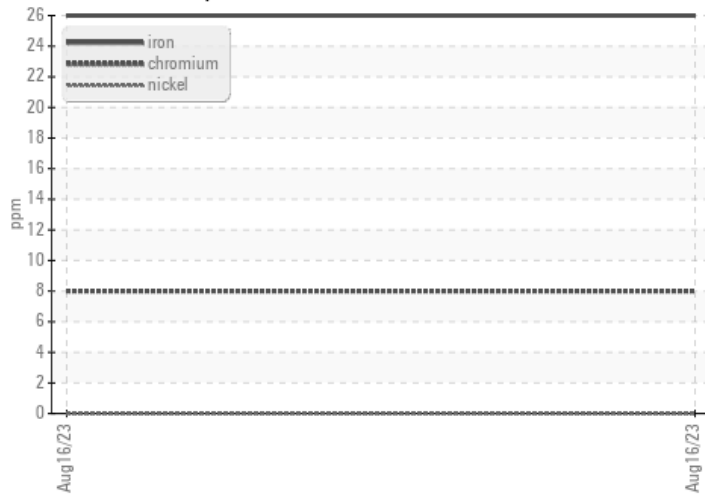


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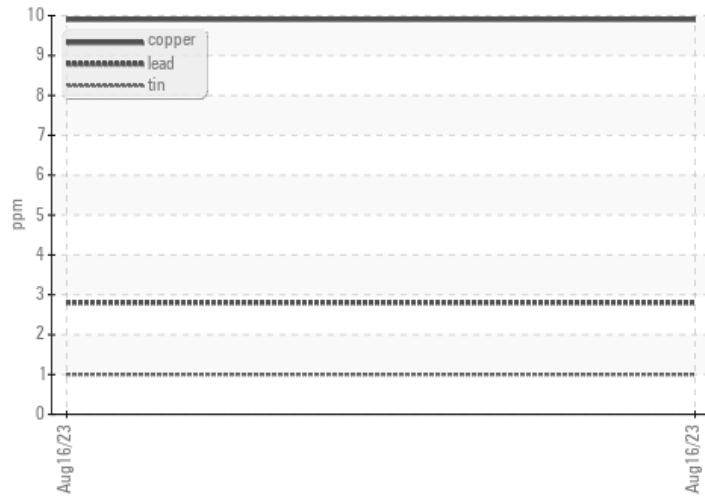


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 100°C



Base Number

