



CONSTRUCTION EQUIPMENT

VFS VOLVO A40G 342633 - DIESEL ENGINE



Sample No: VCP446942
Oil Type: DIESEL ENGINE OIL SAE 15W40
Job No: VFS



SAMPLE INFORMATION

Sample Number	VCP446942	---	---	---
Sample Date	29 Apr 2024	---	---	---
Machine Hours	8195	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

ROMCO INC
 1350 NE LOOP 820
 FORT WORTH, TX
 US 76106
 Contact: CHRIS BITNER
 CBitner@romco.com
 T:
 F: (817)626-8983



OIL CONDITION

Visc @ 100°C	cSt	█ 12.7	---	---	---
Base Number (BN)	mg KOH/g	█ 4.2	---	---	---
Oxidation (PA)	%	86	---	---	---

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 %	%	█ 0.7	---	---	---
Nitration (PA)	%	99	---	---	---
Sulfation (PA)	%	71	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 39	---	---	---
Potassium	ppm	█ 11	---	---	---



WEAR METALS

Iron	ppm	█ 41	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 9	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 91	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 1611	---	---	---
Magnesium	ppm	█ 558	---	---	---
Zinc	ppm	█ 1072	---	---	---
Phosphorus	ppm	█ 900	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 22	---	---	---

Depot: VOLVO0081
Unique No: 11016882
Signed: Don Baldrige
Report Date: 08 May 2024



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GRAPHS

