



CONSTRUCTION EQUIPMENT

SWO070234 VOLVO A45G 342686 - DIESEL ENGINE



Sample No: VCP436701
Oil Type: DIESEL ENGINE OIL SAE 40
Job No: SWO070234



SAMPLE INFORMATION

Sample Number	VCP436701	---	---	---
Sample Date	12 Mar 2024	---	---	---
Machine Hours	3501	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

PARTON CONTRACTING INC
543 WES TAYLOR RD
HUNTSVILLE, AL
US 35811
Contact:



OIL CONDITION

Visc @ 100°C	cSt	█ 12.9	---	---	---
Base Number (BN)	mg KOH/g	█ 8.0	---	---	---
Oxidation (PA)	%	59	---	---	---

T:
F:

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.
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)	%	49	---	---	---
Sulfation (PA)	%	55	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 7	---	---	---



WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 2133	---	---	---
Magnesium	ppm	█ 47	---	---	---
Zinc	ppm	█ 1192	---	---	---
Phosphorus	ppm	█ 1029	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 168	---	---	---

Depot: PARHUN
Unique No: 10938286
Signed: Wes Davis
Report Date: 21 Mar 2024



CONSTRUCTION EQUIPMENT



GRAPHS

