



CONSTRUCTION EQUIPMENT

TRIPLE M METAL 392284 VOLVO A40G 353438 - DIESEL ENGINE



Sample No: VCP450282
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 392284



SAMPLE INFORMATION

Sample Number	VCP450282	VCP392148	---	---
Sample Date	26 Jan 2024	16 Nov 2023	---	---
Machine Hours	3956	2752	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

STRONGCO EQUIPMENT (CE)

1051 Heritage Rd.
Burlington, ON
CA L7L 4Y1
Contact: Michael Hribar
mhribar@strongco.com
T:
F: (905)643-6077



OIL CONDITION

Visc @ 100°C	cSt	█ 12.9	█ 12.2	---	---
Oxidation (PA)	%	█ 77	█ 85	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0	█ 0.1	---	---
Nitration (PA)	%	█ 48	█ 64	---	---
Sulfation (PA)	%	█ 61	█ 65	---	---
Glycol	%	NEG	█ 0.0	---	---
Fuel	%	█ <1.0	█ 1.2	---	---
Silicon	ppm	█ 3	█ 7	---	---
Sodium	ppm	█ 2	█ 3	---	---
Potassium	ppm	█ <1	█ 0	---	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 4	█ 10	---	---
Copper	ppm	█ 2	█ 48	---	---
Lead	ppm	█ <1	█ 2	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ 2	█ 1	---	---
Chromium	ppm	█ 0	█ 0	---	---
Molybdenum	ppm	█ 42	█ 46	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	█ 0	█ 0	---	---
Silver	ppm	█ 0	█ <1	---	---
Manganese	ppm	█ 0	█ <1	---	---
Vanadium	ppm	█ 0	█ 0	---	---



ADDITIVES

Calcium	ppm	█ 1580	█ 1692	---	---
Magnesium	ppm	█ 567	█ 492	---	---
Zinc	ppm	█ 1081	█ 1082	---	---
Phosphorus	ppm	█ 940	█ 923	---	---
Barium	ppm	█ 0	█ <1	---	---
Boron	ppm	█ 46	█ 29	---	---

Depot: VOLVO0252
Unique No: 5720866
Signed: Wes Davis
Report Date: 30 Jan 2024



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GRAPHS

