



CONSTRUCTION EQUIPMENT

SW-33680-2 RAMSEY VOLVO A60H 350375 - TRANSMISSION



Sample No: VCP397011
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: SW-33680-2 RAMSEY



SAMPLE INFORMATION

Sample Number	VCP397011	---	---	---
Sample Date	08 May 2024	---	---	---
Machine Hours	1011	---	---	---
Oil Hours	1011	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ARNOLD MACHINERY COMPANY
 2975 WEST 2100 SOUTH
 SALT LAKE CITY, UT
 US 84119
 Contact: TJ LARK
 tlark@arnoldmachinery.com
 T: (801)972-4000
 F: (801)975-9434



OIL CONDITION

Visc @ 40°C	cSt	■ 80.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 9	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 15	---	---	---
Copper	ppm	■ 23	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 40	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ 70	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 1658	---	---	---
Magnesium	ppm	■ 543	---	---	---
Zinc	ppm	■ 1077	---	---	---
Phosphorus	ppm	■ 972	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 66	---	---	---

Depot: VOLVO8770
Unique No: 11031881
Signed: Don Baldrige
Report Date: 17 May 2024



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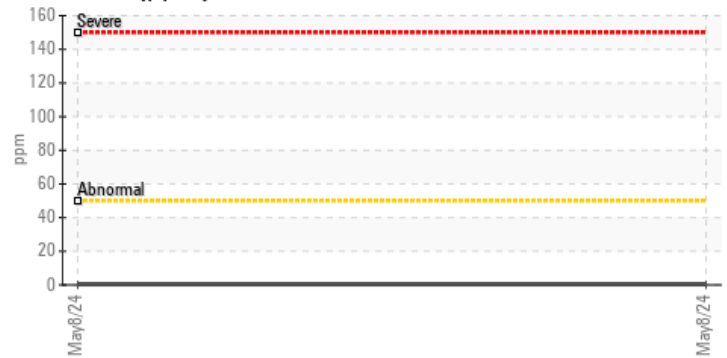


GRAPHS

Iron (ppm)



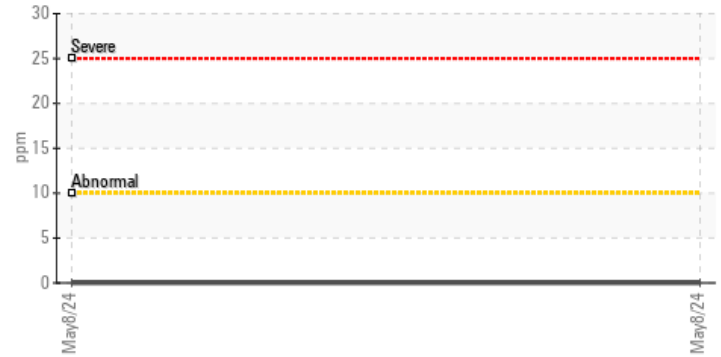
Lead (ppm)



Aluminum (ppm)



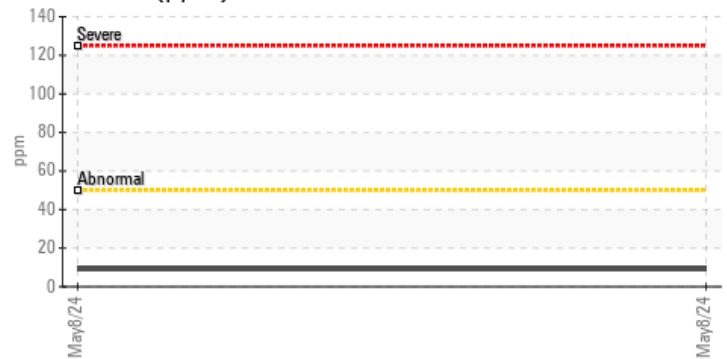
Chromium (ppm)



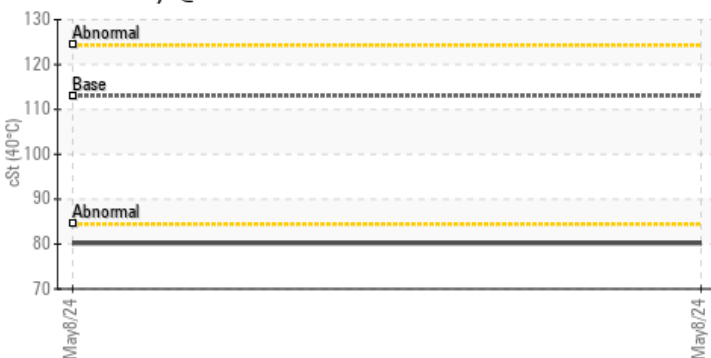
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

