



CONSTRUCTION EQUIPMENT

25457 VOLVO A45 353393 - DROP BOX



Sample No: VCP422198
Oil Type: VOLVO SUPER GEAR OIL 75W-80-GO102
Job No: 25457



SAMPLE INFORMATION

Sample Number	VCP422198	---	---	---
Sample Date	24 Apr 2024	---	---	---
Machine Hours	3956	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

218 - ASCENDUM MACHINERY INC - N. CHARLESTON
 7235 CROSS COUNTRY RD.
 NORTH CHARLESTON, SC
 US 29418
 Contact: MATT MITCHAM
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 T:
 F: (843)414-1129



OIL CONDITION

Visc @ 40°C	cSt	█ 51.8	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 3	---	---	---
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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	█ 240	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 8	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 25	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 76	---	---	---
Phosphorus	ppm	█ 2381	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 219	---	---	---

Depot: VOLVO3387
Unique No: 11005606
Signed: Jonathan Hester
Report Date: 03 May 2024

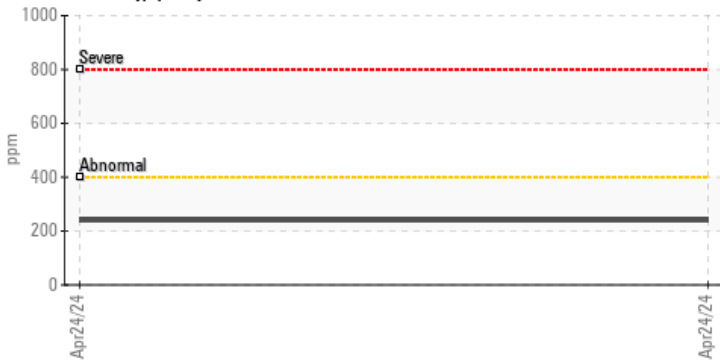


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GRAPHS

Iron (ppm)



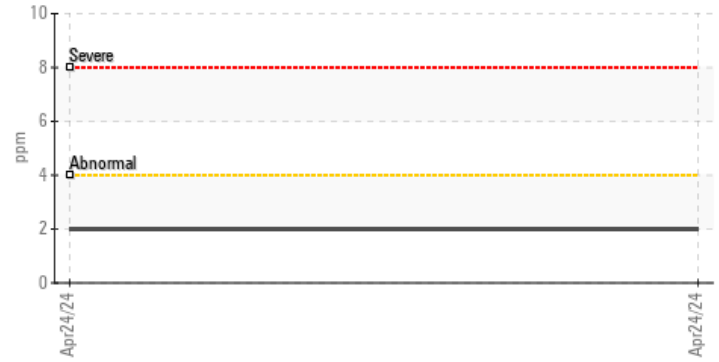
Lead (ppm)



Aluminum (ppm)



Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

