



CONSTRUCTION EQUIPMENT

X36413 14RL00328 - GEARBOX



Sample No: VCP412347
Oil Type: NOT GIVEN
Job No: X36413



SAMPLE INFORMATION

Sample Number	VCP412347	---	---	---
Sample Date	21 Jul 2023	---	---	---
Machine Hours	209	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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 10160 AIRLINE HWY
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 US 70816
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 bcaldwell@scottcompanies.com
 T: (225)293-3683
 F: (225)292-9658



OIL CONDITION

Visc @ 40°C	cSt	█ 162	---	---	---
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CONTAMINATION

Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 11	---	---	---
Potassium	ppm	█ 0	---	---	---



WEAR METALS

Iron	ppm	▲ 389	---	---	---
Copper	ppm	█ 104	---	---	---
Lead	ppm	▲ 175	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	222	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	141	---	---	---
Magnesium	ppm	7	---	---	---
Zinc	ppm	83	---	---	---
Phosphorus	ppm	548	---	---	---
Barium	ppm	35	---	---	---
Boron	ppm	10	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. Bearing and/or bushing wear is indicated. All other metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO6242
Unique No: 10574608
Signed: Don Baldrige
Report Date: 28 Jul 2023

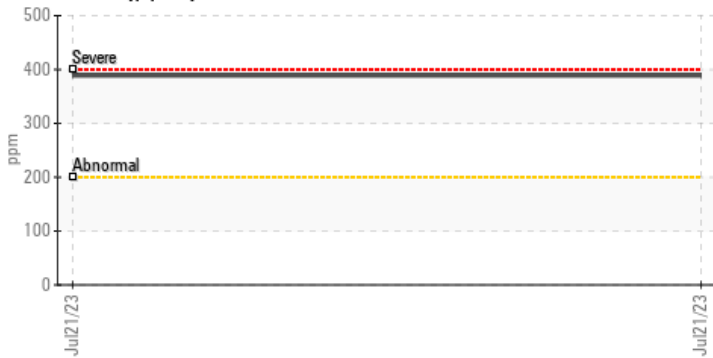


CONSTRUCTION EQUIPMENT

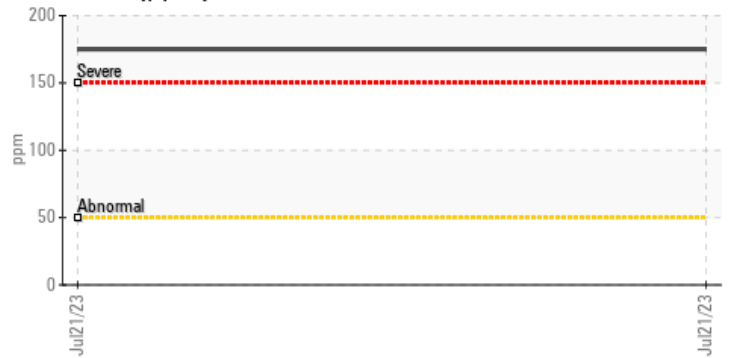


GRAPHS

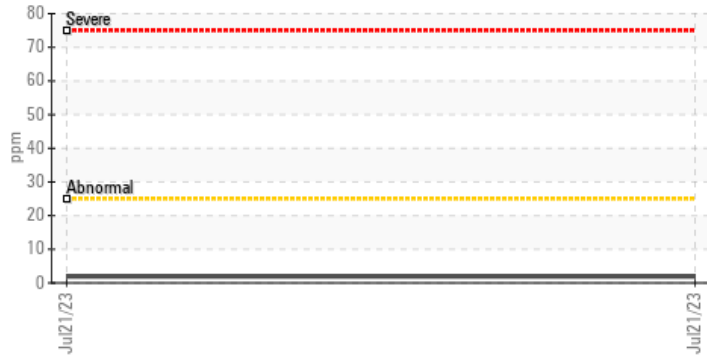
▲ Iron (ppm)



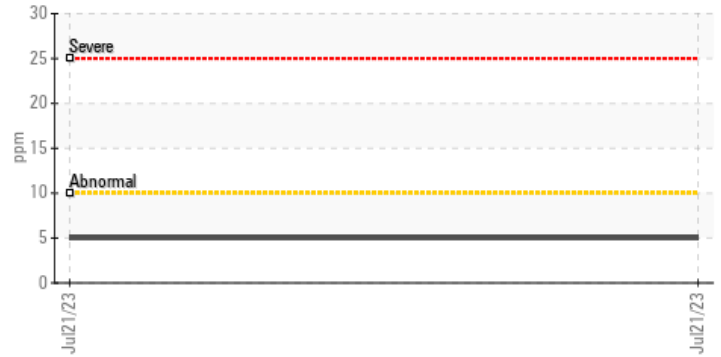
▲ Lead (ppm)



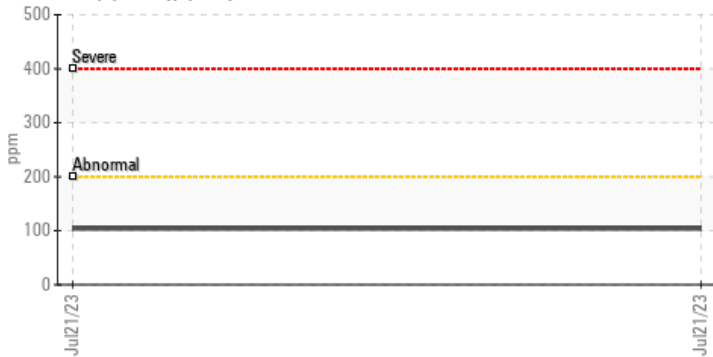
Aluminum (ppm)



Chromium (ppm)



Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

