



CONSTRUCTION EQUIPMENT

FAST TRAX FT4250 CC KPI 419346 - VIBRATORY DRUM GEARBOX



Sample No: VCP421370
Oil Type: NOT GIVEN
Job No:



SAMPLE INFORMATION

Sample Number	VCP421370	---	---	---
Sample Date	22 Sep 2023	---	---	---
Machine Hours	4442	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
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 T:
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CONTAMINATION

Silicon	ppm	▲ 261	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 43	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Please note that the oil was too thick to perform some of the normal laboratory tests. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is oxidized and beyond the limit of serviceability.



WEAR METALS

Iron	ppm	▲ 213	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	▲ 17	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	40	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	4	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	2402	---	---	---
Magnesium	ppm	17	---	---	---
Zinc	ppm	182	---	---	---
Phosphorus	ppm	451	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	89	---	---	---

Depot: VOLVO0090
Unique No: 10671432
Signed: Jonathan Hester
Report Date: 05 Oct 2023



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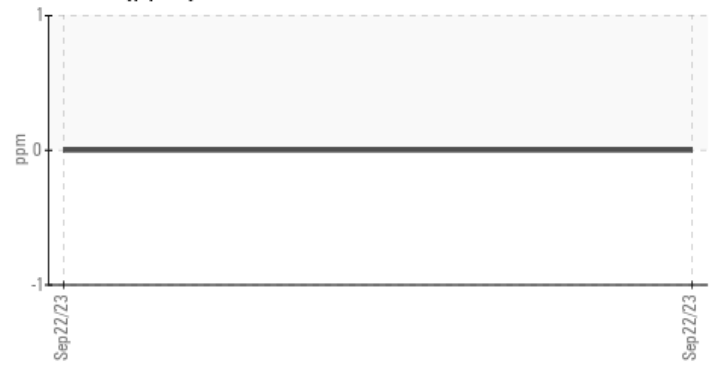


GRAPHS

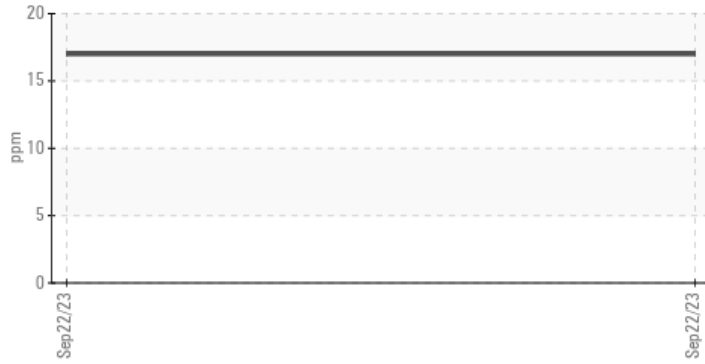
▲ Iron (ppm)



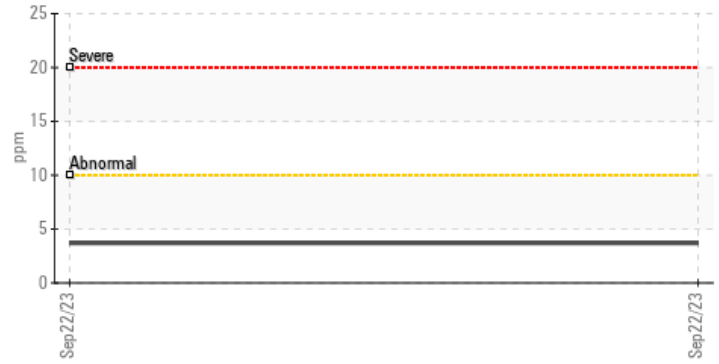
Lead (ppm)



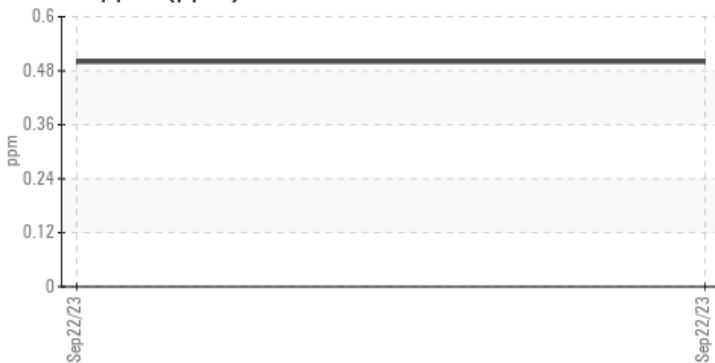
▲ Aluminum (ppm)



Chromium (ppm)



Copper (ppm)



▲ Silicon (ppm)



Additives

