



CONSTRUCTION EQUIPMENT

TMR-LANDSTREET 553534 562176 VOLVO EC380 314718 - GEARBOX



Sample No: VCP422236
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 553534



SAMPLE INFORMATION

Sample Number	VCP422236	---	---	---
Sample Date	12 May 2023	---	---	---
Machine Hours	2795	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

TRADEMARK METALS RECYCLING - ORLANDO - LANDSTREET
 51 EAST LANDSTREET ROAD
 ORLANDO, FL
 US 32824
 Contact: RYAN BOWDEN



OIL CONDITION

Visc @ 40°C	cSt	■ 272	---	---	---
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T:
 F: (407)855-3118



CONTAMINATION

Water	%	▲ 0.205	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 1	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	■ 196	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 7	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 125	---	---	---
Magnesium	ppm	■ 43	---	---	---
Zinc	ppm	■ 117	---	---	---
Phosphorus	ppm	■ 1031	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 128	---	---	---

Depot: TRAORLFL
Unique No: 10481961
Signed: Jonathan Hester
Report Date: 24 May 2023

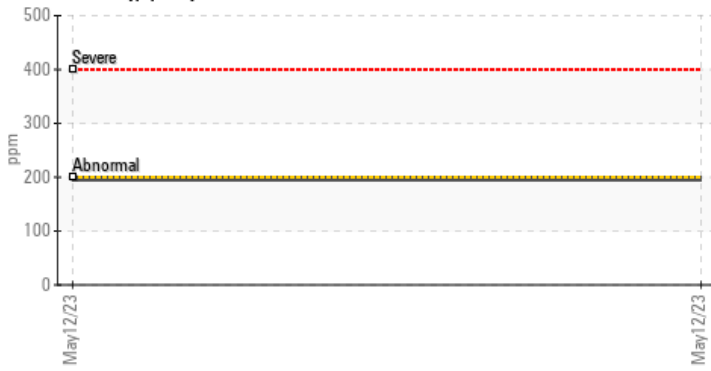


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GRAPHS

Iron (ppm)



Lead (ppm)



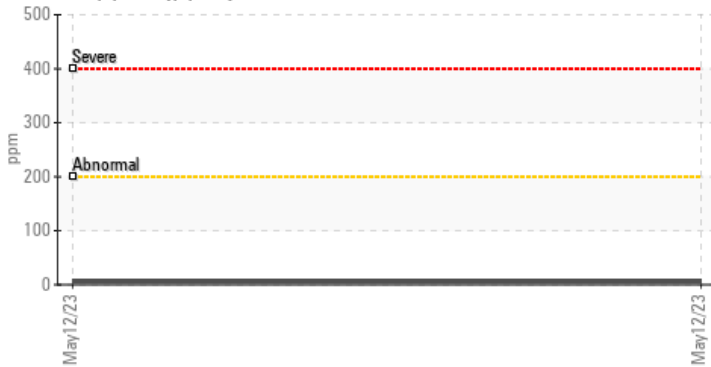
Aluminum (ppm)



Chromium (ppm)



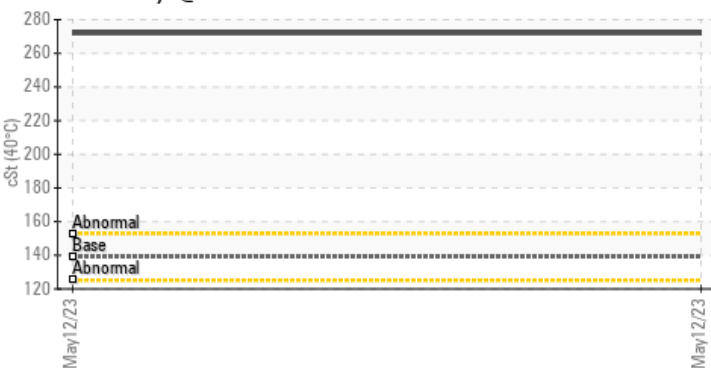
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Water

