



CONSTRUCTION EQUIPMENT

273427 LEEBOY 8520B 273427 - HYDRAULIC SYSTEM



Sample No: VCP383211
Oil Type: ESSO NUTO H ISO 32
Job No: 273427



SAMPLE INFORMATION

Sample Number	VCP383211	---	---	---
Sample Date	07 Jul 2023	---	---	---
Machine Hours	1728	---	---	---
Oil Hours	48	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
 56195 PONTIAC TRAIL
 NEW HUDSON, MI
 US 48165
 Contact: DILLON BURNS
 dillon.burns@altg.com
 T:
 F: (248)356-2029



OIL CONDITION

Visc @ 40°C	cSt	■ 30.9	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.32	---	---	---



CONTAMINATION

Water	%	▲ 0.466	---	---	---
Silicon	ppm	■ 1	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. There is too much water present in this sample to perform a particle count. All component wear rates are normal. There is a moderate concentration of water present in the oil. The AN level is acceptable for this fluid.



WEAR METALS

Iron	ppm	■ 4	---	---	---
Copper	ppm	■ 12	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	20	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 422	---	---	---
Phosphorus	ppm	■ 332	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 0	---	---	---

Depot: VOLVO2990
Unique No: 10549392
Signed: Don Baldrige
Report Date: 11 Jul 2023

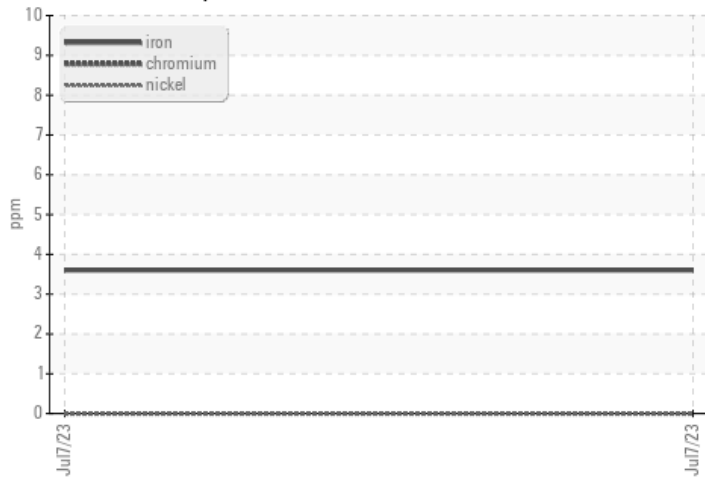


CONSTRUCTION EQUIPMENT

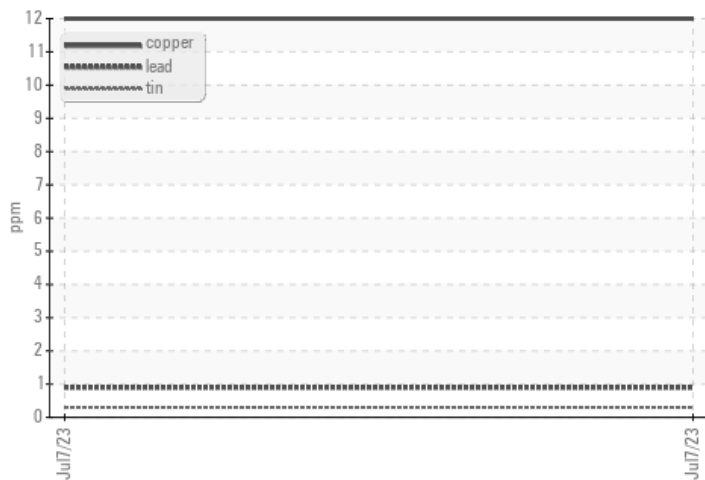


GRAPHS

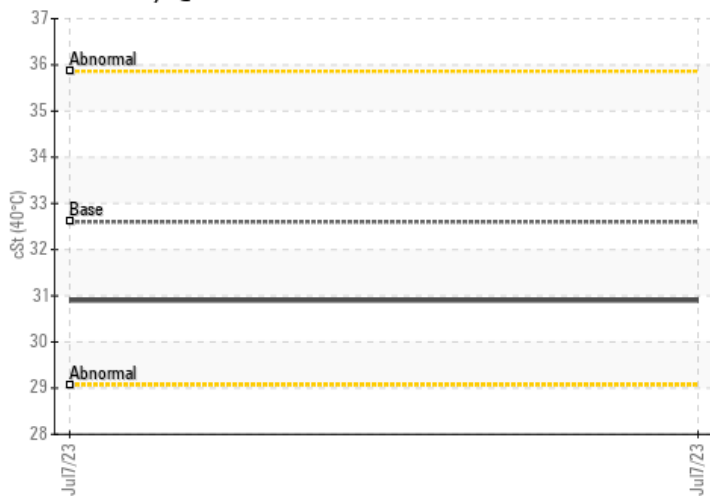
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Acid Number

