

LIEBHERR

CONSTRUCTION EQUIPMENT



[[MANASSAS TOPSOIL]] LIEBHERR L556 050193-1332 - Trans

Sample No: LH0258954

Oil Type: LIEBHERR GEAR MF 80W



SAMPLE INFORMATION

Sample Number	LH0258954	---	---	---
Sample Date	18 Oct 2023	---	---	---
Machine Hours	1670	---	---	---
Oil Hours	1670	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR EQUIPMENT SOURCE

10119 RESIDENCY ROAD
 MANASSAS, VA
 US 20110
 Contact: TOM HEINEY
 tom.heiney@liebherr.com
 T: (703)392-0111
 F: (703)331-5604



OIL CONDITION

Visc @ 40°C	cSt	43.4	---	---	---
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CONTAMINATION

Silicon	ppm	9	---	---	---
Sodium	ppm	16	---	---	---
Potassium	ppm	6	---	---	---

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	5	---	---	---
Copper	ppm	5	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

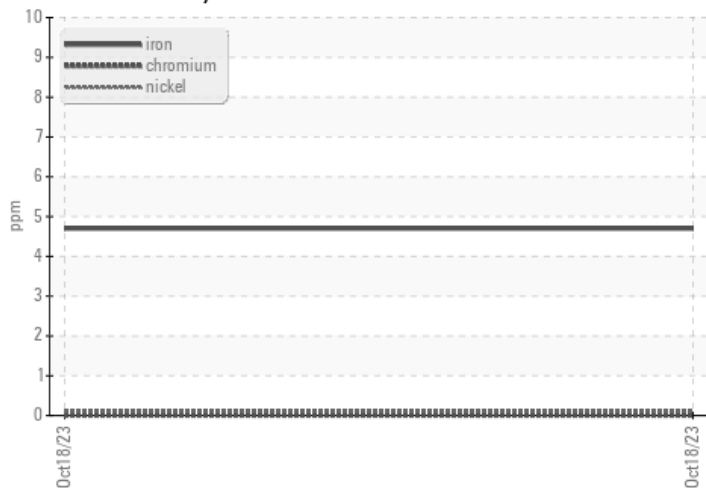
Calcium	ppm	3571	---	---	---
Magnesium	ppm	15	---	---	---
Zinc	ppm	1578	---	---	---
Phosphorus	ppm	1304	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	133	---	---	---

Depot: LIEBHERRVA
 Unique No: 10736308
 Signed: Sean Felton
 Report Date: 10 Nov 2023

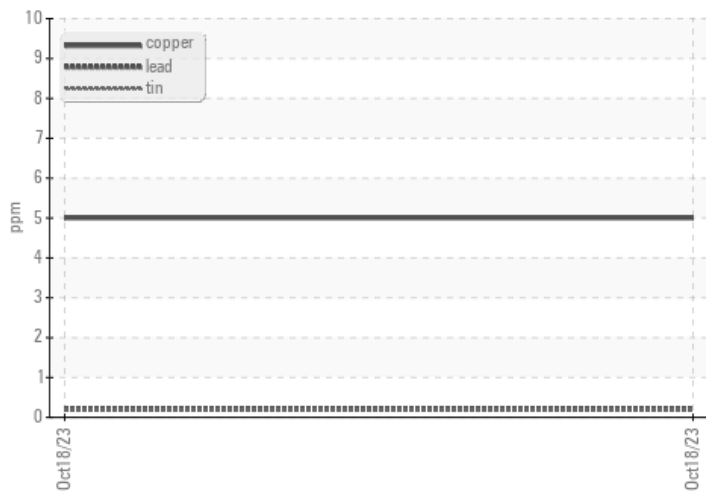


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

