

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0258955

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0258955	---	---	---
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
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 T: (703)392-0111
 F: (703)331-5604



OIL CONDITION

Visc @ 40°C	cSt	225	---	---	---
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CONTAMINATION

Silicon	ppm	2	---	---	---
Sodium	ppm	8	---	---	---
Potassium	ppm	1	---	---	---

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	62	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	5	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	9	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

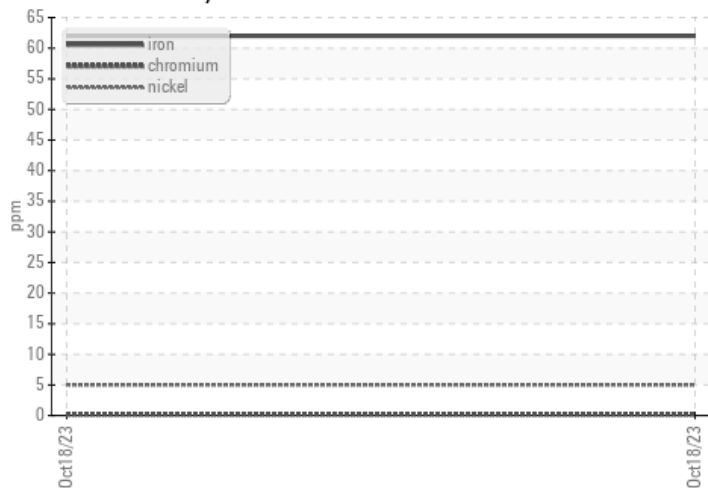
Calcium	ppm	32	---	---	---
Magnesium	ppm	16	---	---	---
Zinc	ppm	224	---	---	---
Phosphorus	ppm	1836	---	---	---
Barium	ppm	11	---	---	---
Boron	ppm	2	---	---	---

Depot: LIEBHERRVA
 Unique No: 10736230
 Signed: Sean Felton
 Report Date: 10 Nov 2023

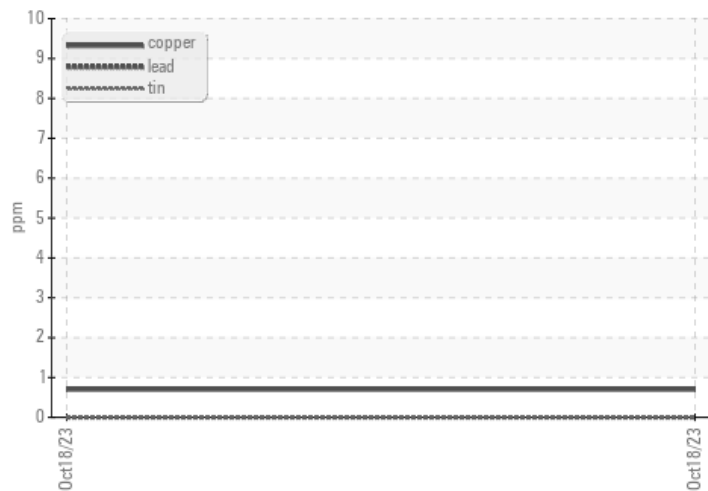


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

