

LIEBHERR

CONSTRUCTION EQUIPMENT



[SOMAVRAC] NO UNIT LH0282785 - Distribution Gear

Sample No: LH0282785
 Oil Type: LIEBHERR GEAR HYPOID 90 EP



LIEBHERR CANADA LTD.
 49C MEWS PLACE
 ST. JOHN'S, NL
 CA A1B 4N2
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Sample Information

Sample Number	LH0282785	---	---	---
Sample Date	09 Apr 2024	---	---	---
Machine Hours	634	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 194	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 0	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● <1	---	---	---



Wear Metals

Iron	ppm	● 21	---	---	---
Copper	ppm	● 20	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	104	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	● 48	---	---	---
Phosphorus	ppm	● 1103	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	1	---	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. Please specify the component make and model with your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: LIE49STJ
 Unique No: 5762070
 Signed: Wes Davis
 Report Date: 15 Apr 2024



Graphs

