

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 070863-1826 - Front Differential

Sample No: LH0257213

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0257213	LH0257169	---	---
Sample Date	15 Dec 2023	18 May 2023	---	---
Machine Hours	4000	978	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

PRODUITS FORESTIERS D.G. LTEE
 313 RANG ST-JOSEPH
 STE-AURELIE, QC
 CA G0M 1M0
 Contact: Roger .



OIL CONDITION

Visc @ 40°C	cSt	● 192	● 193	---	---
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T: (418)593-3547
 F: (418)593-3633



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● 12	● 22	---	---
Sodium	ppm	● 2	● 7	---	---
Potassium	ppm	● 2	● 0	---	---

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	● 128	● 297	---	---
Copper	ppm	● 68	● 182	---	---
Lead	ppm	● 1	● 5	---	---
Tin	ppm	● 3	● 11	---	---
Aluminum	ppm	● 1	● 2	---	---
Chromium	ppm	● <1	● 2	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● 2	● 7	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● 8	28	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 2	● 6	---	---
Magnesium	ppm	● <1	● 1	---	---
Zinc	ppm	● 37	38	---	---
Phosphorus	ppm	● 2241	● 2416	---	---
Barium	ppm	● 0	● <1	---	---
Boron	ppm	● <1	● 1	---	---

Depot: PRO9STE
 Unique No: 5707141
 Signed: Wes Davis
 Report Date: 02 Jan 2024



GRAPHS

