

LIEBHERR

CONSTRUCTION EQUIPMENT



188367 - Left Track Drive

Sample No: LH0296488

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH0296488	---	---	---
Sample Date	21 Jun 2024	---	---	---
Machine Hours	652	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
 Contact: Steve Lehto
 steve.lehto@liebherr.com
 T: (905)319-9222
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Oil Condition

Visc @ 40°C	cSt	195	---	---	---
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Contamination

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



Wear Metals

Iron	ppm	28	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	17	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	10	---	---	---
Phosphorus	ppm	1105	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	1	---	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. 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: LIEMIS
 Unique No: 5801939
 Signed: Wes Davis
 Report Date: 27 Jun 2024



Graphs

