

LIEBHERR

CONSTRUCTION EQUIPMENT



[GEOLSOV [617403]] 112006 - Vibro

Sample No: LH0296721

Oil Type: LIEBHERR GEAR PG 220



Sample Information

Sample Number	LH0296721	---	---	---
Sample Date	28 Jun 2024	---	---	---
Machine Hours	43	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTD.

1015 SUTTON DRIVE
BURLINGTON, ON
CA L7L 5Z8

Contact: Steve Lehto
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Oil Condition

Visc @ 40°C	cSt	● 226	---	---	---
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Contamination

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



Wear Metals

Iron	ppm	● 36	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 10	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 13	---	---	---
Phosphorus	ppm	● 391	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 22	---	---	---

Diagnosis

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. The condition of the oil is acceptable for the time in service.

Depot: LIEMIS
Unique No: 5802835
Signed: Kevin Marson
Report Date: 04 Jul 2024



Graphs

