

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 71616 - Rear Axle

Sample No: LH0270314

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0270314	LH0274528	LH0256669	---
Sample Date	25 Sep 2023	20 Aug 2023	17 Apr 2023	---
Machine Hours	2888	2389	1042	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

DOFASCO INC.

P.O. BOX 2460, 1330 BURLINGTON ST.E, HEAVY EQUIPMENT REPAIR
 HAMILTON, ON
 CA L8N 3J5
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OIL CONDITION

Visc @ 40°C	cSt	98.7	107	193	---
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CONTAMINATION

Silicon	ppm	5	11	21	---
Sodium	ppm	2	5	6	---
Potassium	ppm	0	<1	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	75	163	173	---
Copper	ppm	41	84	166	---
Lead	ppm	1	2	4	---
Tin	ppm	2	5	8	---
Aluminum	ppm	<1	1	1	---
Chromium	ppm	<1	2	2	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	5	22	36	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	9	8	6	---
Magnesium	ppm	1	2	3	---
Zinc	ppm	34	57	66	---
Phosphorus	ppm	2512	2460	2430	---
Barium	ppm	<1	<1	0	---
Boron	ppm	285	257	4	---

Depot: DOFHAM
 Unique No: 5646345
 Signed: Bill Quesnel
 Report Date: 26 Sep 2023



GRAPHS

