

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 71616 - Rear Axle

Sample No: LH0274528

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0274528	LH0256669	---	---
Sample Date	20 Aug 2023	17 Apr 2023	---	---
Machine Hours	2389	1042	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

DOFASCO INC.

P.O. BOX 2460, 1330 BURLINGTON ST.E, HEAVY EQUIPMENT REPAIR
 HAMILTON, ON
 CA L8N 3J5
 Contact: HAROLD LOUDEN
 harold.louden@arcelormittal.com
 T: (905)548-7200
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OIL CONDITION

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

Silicon	ppm	11	21	---	---
Sodium	ppm	5	6	---	---
Potassium	ppm	<1	1	---	---



WEAR METALS

Iron	ppm	163	173	---	---
Copper	ppm	84	166	---	---
Lead	ppm	2	4	---	---
Tin	ppm	5	8	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	22	36	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

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

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.

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: DOFHAM
 Unique No: 5630306
 Signed: Wes Davis
 Report Date: 21 Aug 2023



GRAPHS

