

LIEBHERR

CONSTRUCTION EQUIPMENT



[CGI] LIEBHERR L586 068730 - Diesel Engine

Sample No: LH0274389
Oil Type: NOT GIVEN



LIEBHERR CANADA LTD.
1015 SUTTON DRIVE
BURLINGTON, ON
CA L7L 5Z8
Contact: Steve Lehto
steve.lehto@liebherr.com
T: (905)319-9222
F: (905)319-6617



SAMPLE INFORMATION

Sample Number	LH0274389	LH0234775	---	---
Sample Date	17 Sep 2023	08 Jul 2022	---	---
Machine Hours	6182	591	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 100°C	cSt	12.3	12.1	---	---
Oxidation (PA)	%	86	206	---	---



CONTAMINATION

Soot %	%	0	0	---	---
Nitration (PA)	%	78	93	---	---
Sulfation (PA)	%	60	111	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	0.8	---	---
Silicon	ppm	6	11	---	---
Sodium	ppm	4	2	---	---
Potassium	ppm	1	2	---	---



WEAR METALS

Iron	ppm	4	9	---	---
Copper	ppm	10	142	---	---
Lead	ppm	2	6	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	59	44	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	939	1358	---	---
Magnesium	ppm	1083	906	---	---
Zinc	ppm	1211	845	---	---
Phosphorus	ppm	1039	725	---	---
Barium	ppm	0	34	---	---
Boron	ppm	26	77	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on 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: 5644204
Signed: Wes Davis
Report Date: 18 Sep 2023



GRAPHS

