

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 71443 - Diesel Engine

Sample No: LH0274873

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0274873	---	---	---
Sample Date	25 Sep 2023	---	---	---
Machine Hours	714	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
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OIL CONDITION

Visc @ 100°C	cSt	12.0	---	---	---
Oxidation (PA)	%	210	---	---	---



CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	98	---	---	---
Sulfation (PA)	%	111	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	1.5	---	---	---
Silicon	ppm	13	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Metal levels are typical for a new component breaking in. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	11	---	---	---
Copper	ppm	31	---	---	---
Lead	ppm	5	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	48	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1394	---	---	---
Magnesium	ppm	913	---	---	---
Zinc	ppm	836	---	---	---
Phosphorus	ppm	683	---	---	---
Barium	ppm	32	---	---	---
Boron	ppm	83	---	---	---

Depot: LIEMIS
Unique No: 5646228
Signed: Kevin Marson
Report Date: 27 Sep 2023



GRAPHS

