

LIEBHERR

CONSTRUCTION EQUIPMENT



26651 - Diesel Engine

Sample No: LH0286673

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH0286673	---	---	---
Sample Date	01 Apr 2024	---	---	---
Machine Hours	626	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
 Contact: Joseph Rodgers
 joseph.rodgers@liebherr.com
 T:
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OIL CONDITION

Visc @ 100°C	cSt	12.6	---	---	---
Oxidation (PA)	%	147	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	84	---	---	---
Sulfation (PA)	%	87	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	40	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

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. 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	22	---	---	---
Copper	ppm	38	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	52	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1906	---	---	---
Magnesium	ppm	577	---	---	---
Zinc	ppm	933	---	---	---
Phosphorus	ppm	784	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	78	---	---	---

Depot: LIEMIS
 Unique No: 5759168
 Signed: Kevin Marson
 Report Date: 03 Apr 2024



GRAPHS

