

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L526 71329 - Diesel Engine

Sample No: LH0270422

Oil Type: DIESEL ENGINE OIL SAE 40



SAMPLE INFORMATION

Sample Number	LH0270422	---	---	---
Sample Date	17 Sep 2023	---	---	---
Machine Hours	1122	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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

Visc @ 100°C	cSt	13.6	---	---	---
Oxidation (PA)	%	66	---	---	---



CONTAMINATION

Soot %	%	0.4	---	---	---
Nitration (PA)	%	65	---	---	---
Sulfation (PA)	%	56	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. 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.



WEAR METALS

Iron	ppm	21	---	---	---
Copper	ppm	9	---	---	---
Lead	ppm	6	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	67	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1059	---	---	---
Magnesium	ppm	955	---	---	---
Zinc	ppm	1159	---	---	---
Phosphorus	ppm	996	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	8	---	---	---

Depot: LIEMIS
Unique No: 5644160
Signed: Wes Davis
Report Date: 18 Sep 2023



GRAPHS

