

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60 NOUNITLH0269611 - Diesel Engine

Sample No: LH0269611

Oil Type: PETRO CANADA DURON UHP 5W30



J.D. Irving Sussex
 200 South Road, Doaktown Sawmill
 Doaktown, NB
 CA E9C 1H4
 Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0269611	---	---	---
Sample Date	19 Sep 2023	---	---	---
Machine Hours	32035	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	11.7	---	---	---
Oxidation (PA)	%	80	---	---	---



CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	92	---	---	---
Sulfation (PA)	%	58	---	---	---
Glycol	%	0.0	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	8	---	---	---
Sodium	ppm	534	---	---	---
Potassium	ppm	0	---	---	---



WEAR METALS

Iron	ppm	4	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	135	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	825	---	---	---
Magnesium	ppm	1136	---	---	---
Zinc	ppm	1231	---	---	---
Phosphorus	ppm	1089	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	10	---	---	---

T:
F:

Diagnosis

Check for low coolant level. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. Water treatment chemicals present, indicating slow coolant leak. Test for glycol is negative. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service (see recommendation).

Depot: JDIDOA
Unique No: 5645681
Signed: Bill Quesnel
Report Date: 25 Sep 2023



GRAPHS

