

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH26M 142537-1252 - Diesel Engine

Sample No: LH0259687

Oil Type: PETRO CANADA DURON UHP 10W40



9428-7158 QC INC.
935 ROUTE SHENLEY EST
ST-HONORE DE SHENLEY, QC
CA G0M 1V0
Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0259687	---	---	---
Sample Date	19 Jun 2023	---	---	---
Machine Hours	500	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	● 11.9	---	---	---
Oxidation (PA)	%	173	---	---	---



CONTAMINATION

Soot %	%	● 0	---	---	---
Nitration (PA)	%	83	---	---	---
Sulfation (PA)	%	101	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	● 0.5	---	---	---
Silicon	ppm	● 56	---	---	---
Sodium	ppm	● 5	---	---	---
Potassium	ppm	● 2	---	---	---



WEAR METALS

Iron	ppm	● 22	---	---	---
Copper	ppm	● 20	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 3	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 39	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1813	---	---	---
Magnesium	ppm	● 783	---	---	---
Zinc	ppm	● 948	---	---	---
Phosphorus	ppm	● 857	---	---	---
Barium	ppm	● 6	---	---	---
Boron	ppm	110	---	---	---

T:
F:

Diagnosis

No corrective action is recommended at this time. Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: 942STH
Unique No: 5604936
Signed: Kevin Marson
Report Date: 06 Jul 2023



GRAPHS

