

LIEBHERR

CONSTRUCTION EQUIPMENT



[DAFASCO] LIEBHERR L526 71329 - Diesel Engine

Sample No: LH0247455

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0247455	---	---	---
Sample Date	28 Jun 2023	---	---	---
Machine Hours	574	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

DOFASCO INC.

P.O. BOX 2460, 1330 BURLINGTON ST.E, HEAVY EQUIPMENT REPAIR
 HAMILTON, ON
 CA L8N 3J5
 Contact: HAROLD LOUDEN
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OIL CONDITION

Visc @ 100°C	cSt	10.7	---	---	---
Oxidation (PA)	%	82	---	---	---



CONTAMINATION

Soot %	%	0.4	---	---	---
Nitration (PA)	%	78	---	---	---
Sulfation (PA)	%	69	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	1.7	---	---	---
Silicon	ppm	17	---	---	---
Sodium	ppm	7	---	---	---
Potassium	ppm	4	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. 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. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	37	---	---	---
Copper	ppm	78	---	---	---
Lead	ppm	8	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	7	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	242	---	---	---
Nickel	ppm	8	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1509	---	---	---
Magnesium	ppm	786	---	---	---
Zinc	ppm	1064	---	---	---
Phosphorus	ppm	934	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	146	---	---	---

Depot: DOFHAM
 Unique No: 5607623
 Signed: Kevin Marson
 Report Date: 19 Jul 2023



GRAPHS

