

LIEBHERR

CONSTRUCTION EQUIPMENT



[[US GYPSUM]] LIEBHERR L566 071890-1758 - Diesel Engine

Sample No: LH0217100

Oil Type: DIESEL ENGINE OIL 10W40



Sample Information

Sample Number	LH0217100	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	3662	---	---	---
Oil Hours	1500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

NUECES POWER EQUIPMENT

7333 MONROE RD

HOUSTON, TX

US 77061

Contact: Keith Frischenmeyer

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Oil Condition

Visc @ 100°C	cSt	13.5	---	---	---
Base Number (BN)	mg KOH/g	6.6	---	---	---
Oxidation (PA)	%	93	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



Contamination

Water	%	NEG	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	89	---	---	---
Sulfation (PA)	%	59	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	9	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	3	---	---	---



Wear Metals

Iron	ppm	10	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	3	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	1441	---	---	---
Magnesium	ppm	831	---	---	---
Zinc	ppm	922	---	---	---
Phosphorus	ppm	811	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	64	---	---	---

Depot: LIEBHERRTX

Unique No: 11021177

Signed: Wes Davis

Report Date: 13 May 2024



Graphs

