

LIEBHERR

CONSTRUCTION EQUIPMENT



[[US GYPSUM]] LIEBHERR L566 071890-1758 - Rear Different

Sample No: LH0217108
 Oil Type: GEAR OIL SAE 80W90



Sample Information

Sample Number	LH0217108	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	3662	---	---	---
Oil Hours	1500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

NUECES POWER EQUIPMENT
 7333 MONROE RD
 HOUSTON, TX
 US 77061
 Contact: Keith Frischenmeyer
 keith@npetex.com
 T: (713)247-0066
 F: (713)636-4039



Oil Condition

Visc @ 40°C	cSt	● 189	---	---	---
-------------	-----	-------	-----	-----	-----



Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 9	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 2	---	---	---



Wear Metals

Iron	ppm	● 185	---	---	---
Copper	ppm	● 208	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 6	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 9	---	---	---
Vanadium	ppm	<1	---	---	---



Additives

Calcium	ppm	● 24	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 55	---	---	---
Phosphorus	ppm	● 2630	---	---	---
Barium	ppm	● 2	---	---	---
Boron	ppm	● 0	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIEBHERRTX
 Unique No: 11021979
 Signed: Sean Felton
 Report Date: 14 May 2024



Graphs

