

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR TA 230 145963-1513 - Rear Differential

Sample No: LHMC91486

Oil Type: NOT GIVEN



NUECES POWER EQUIPMENT
 7667 N SAM HOUSTON PKWY EAST
 HUMBLE, TX
 US 77396
 Contact: JOHN GUERRA
 jguerra@npetex.com
 T:
 F:



SAMPLE INFORMATION

Sample Number	LHMC91486	---	---	---
Sample Date	13 Jun 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	61.1	---	---	---
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CONTAMINATION

Water	%	0.395	---	---	---
Silicon	ppm	29	---	---	---
Sodium	ppm	18	---	---	---
Potassium	ppm	0	---	---	---



WEAR METALS

Iron	ppm	199	---	---	---
Copper	ppm	71	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	4	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	4	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	5	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	48	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3517	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1505	---	---	---
Phosphorus	ppm	1231	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	113	---	---	---

Diagnosis

We advise that you check for the source of water entry. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: NUEHUM
 Unique No: 10513378
 Signed: Jonathan Hester
 Report Date: 16 Jun 2023



GRAPHS

