

LIEBHERR

CONSTRUCTION EQUIPMENT



[ZANCON FOUNDATIONS] LIEBHERR LB28 115549 - Auxiliary

Sample No: LH0216129

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
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SAMPLE INFORMATION

Sample Number	LH0216129	---	---	---
Sample Date	14 Feb 2024	---	---	---
Machine Hours	6134	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	190	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	3	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---



WEAR METALS

PQ		1	---	---	---
Iron	ppm	354	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	20	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	87	---	---	---
Phosphorus	ppm	1136	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	5	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Iron ppm levels are abnormal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: LIEMIS
 Unique No: 5733530
 Signed: Kevin Marson
 Report Date: 21 Feb 2024



GRAPHS

