

LIEBHERR

CONSTRUCTION EQUIPMENT



113718-1216 - Pump Drive

Sample No: LH0279414

Oil Type: CHEVRON DELO SYNTHETIC GEAR 75W90



SAMPLE INFORMATION

Sample Number	LH0279414	---	---	---
Sample Date	17 Jan 2024	---	---	---
Machine Hours	9629	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

American Iron and Metal

2555 Sheffield Road
Ottawa, ON
CA K1B 3V6
Contact: Dan Dupelle
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OIL CONDITION

Visc @ 40°C	cSt	80.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	2	---	---	---



WEAR METALS

Iron	ppm	3	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	45	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1049	---	---	---
Magnesium	ppm	862	---	---	---
Zinc	ppm	1173	---	---	---
Phosphorus	ppm	1054	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	100	---	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: BAKOTT
Unique No: 5710820
Signed: Kevin Marson
Report Date: 18 Jan 2024



GRAPHS

