

LIEBHERR

CONSTRUCTION EQUIPMENT



[(360378)] LIEBHERR A918 134117-1508 - Front Differential

Sample No: LH0216257

Oil Type: CHEVRON DELO SYNTHETIC GEAR 75W90



FAUBERT PRECISION CONTRACTING
 1394 194 STREET
 SURREY, BC
 CA V3Z 9R9
 Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0216257	LH0216244	LH0226789	---
Sample Date	06 Jan 2024	18 Nov 2022	28 Apr 2022	---
Machine Hours	2036	1007	529	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	101	95.2	64.7	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	3	10	---
Sodium	ppm	<1	2	13	---
Potassium	ppm	1	<1	2	---



WEAR METALS

Iron	ppm	13	10	17	---
Copper	ppm	<1	<1	1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	1	---
Chromium	ppm	0	0	1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	1	5	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	51	541	2965	---
Magnesium	ppm	1	3	12	---
Zinc	ppm	19	215	1421	---
Phosphorus	ppm	1300	1356	1194	---
Barium	ppm	0	0	<1	---
Boron	ppm	181	283	100	---

T:
F:

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 condition of the oil is acceptable for the time in service.

Depot: FAUSUR
 Unique No: 5711116
 Signed: Wes Davis
 Report Date: 19 Jan 2024



GRAPHS

