

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(360378)] LIEBHERR A918 134117-1508 - Front Left Wheel Hu

Sample No: LH0216264

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	LH0216264	LH0216251	LH0226792	---
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	ABNORMAL	---



#### OIL CONDITION

Visc @ 40°C	cSt	88.2	86.2	64.4	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	2	6	---
Sodium	ppm	8	13	18	---
Potassium	ppm	1	1	1	---

#### 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.



#### WEAR METALS

Iron	ppm	66	29	47	---
Copper	ppm	37	29	36	---
Lead	ppm	1	<1	1	---
Tin	ppm	1	<1	<1	---
Aluminum	ppm	<1	<1	1	---
Chromium	ppm	<1	<1	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	2	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	495	1206	2874	---
Magnesium	ppm	4	5	10	---
Zinc	ppm	248	478	1394	---
Phosphorus	ppm	1225	1292	1185	---
Barium	ppm	3	2	4	---
Boron	ppm	89	199	95	---

Depot: FAUSUR  
 Unique No: 5711115  
 Signed: Kevin Marson  
 Report Date: 19 Jan 2024



### GRAPHS

