# LIEBHERR

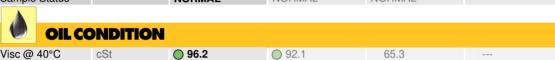
### **CONSTRUCTION EQUIPMENT**



Sample No: LH0216258

Oil Type: CHEVRON DELO SYNTHETIC GEAR 75W90

SAMPLEINFORMATION						
Sample Number	LH0216258	LH0216245	LH0226790			
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			
<b>A</b>						



CONTAMINATION							
Water	%	NEG	NEG	NEG			
Silicon	ppm	<b>2</b>	0 2	<b>7</b>			
Sodium	ppm	<b>3</b>	<b>6</b>	<b>14</b>			
Potassium	ppm	<b>○</b> <1	O <1	O 2			

					(O)
				R METALS	WEAR
	O 22	<b>1</b> 3	<b>27</b>	ppm	Iron
	<b>7</b>	O 7	<b>7</b>	ppm	Copper
	O <1	O 0	<b>()</b> <1	ppm	Lead
	O <1	O <1	<b>0</b> <1	ppm	Tin
	O <1	O <1	<b>0</b> <1	ppm	Aluminum
	O <1	O 0	<b>0</b> <1	ppm	Chromium
	<b>0</b> 0	O 0	<b>0</b>	ppm	Molybdenum
	<1	O 0	<b>0</b> <1	ppm	Nickel
	0	0	0	ppm	Titanium
	0	0	0	ppm	Silver
	<b>3</b>	O <1	<b>0</b> <1	ppm	Manganese
	0	0	0	ppm	Vanadium
-	0 3	0 <1	0 <1	ppm ppm	Silver Manganese

ADDI	TIVES				
Calcium	ppm	278	○ 820	2805	
Magnesium	ppm	<b>3</b>	<b>O</b> 4	<b>10</b>	
Zinc	ppm	106	○ 324	1312	
Phosphorus	ppm	<b>1293</b>	O 1325	<b>1184</b>	
Barium	ppm	<b>2</b>	O <1	O 2	
Boron	ppm	<b>187</b>	<b>247</b>	O 110	



#### FAUBERT PRECISION CONTRACTING 1394 194 STREET SURREY, BC

SURREY, BC CA V3Z 9R9

Contact: Service Manager

T: F:

#### 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: FAUSUR
Unique No: 5711117
Signed: Wes Davis
Report Date: 19 Jan 2024

## LIEBHERR

CONSTRUCTION EQUIPMENT





#### **GRAPHS**

