



111446 - Crowd Winch Drive

Sample No: LH0151091

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION				
Sample Number	LH0151091			
Sample Date	04 Jan 2024			
Machine Hours	1000			
Oil Hours	0			
Oil Changed	Changed			
Sample Status	NORMAL			

OIL CONDITION

Visc @ 40°C

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Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

ADDITIVES

ppm

ppm

ppm

ppm

ppm

ppm

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Water	%	NEG		 	
Silicon	ppm	01		 	
Sodium	ppm	01		 	
Potassium	ppm	○ <1		 	

M				
WE/	AR META	LS		
Iron	ppm	68	 	
Copper	ppm	○ <1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	○ <1	 	
Chromium	ppm	<mark></mark> <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	○ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

Liebherr Canada

140 - 21320 Gordon Way Richmond, BC CA V6W 1J8 Contact: Kendra Curtis kendra.curtis@liebherr.com T: (604)207-4551 F: (604)270-3254

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.

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:	LIERIC
Unique No:	5709027
Signed:	Wes Davis
Report Date:	10 Jan 2024

Report Id: LIERIC [WCAMIS] 02607941 (Generated: 01/10/2024 16:32:30) Rev: 1

0 48

02

0 22

0

0 215

0 1215

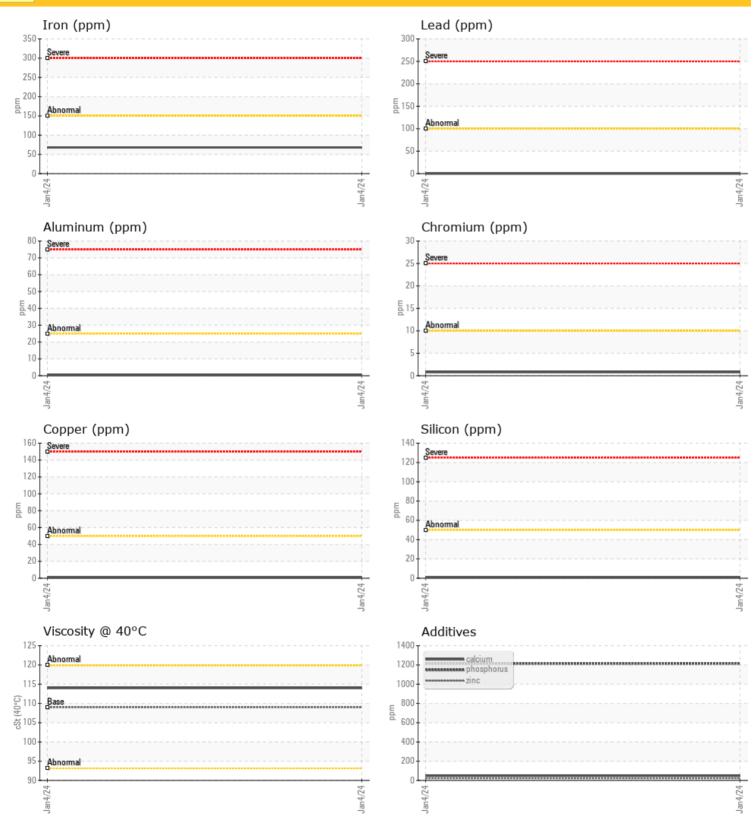
Contact/Location: Kendra Curtis - LIERIC

CONSTRUCTION EQUIPMENT



GRAPHS

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Report Id: LIERIC [WCAMIS] 02607941 (Generated: 01/10/2024 16:32:33) Rev: 1

Contact/Location: Kendra Curtis - LIERIC