

NO UNIT PC0277463 - Swing Drive

Sample No: LH0277463

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	LH0277463
Sample Date	27 Nov 2023
Machine Hours	0
Oil Hours	0
Oil Changed	N/A
Sample Status	NORMAL

OIL CONDITION

Visc @ 40°C

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cSt **93.5**

Water	%	NEG			
Silicon	ppm	03			
Sodium	ppm	01			
Potassium	ppm	0			

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WEA	R METALS			
PQ		246	 	
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Iron	ppm	0 729	 	
Copper	ppm	110	 	
Lead	ppm	3	 	
Tin	ppm	04	 	
Aluminum	ppm	<mark>()</mark> <1	 	
Chromium	ppm	8	 	
Molybdenum	ppm	0 0	 	
Nickel	ppm	02	 	
Titanium	ppm	0	 	
Silver	ppm	<1	 	
Manganese	ppm	5	 	
Vanadium	ppm	0	 	

0 **ADDITIVES** Calcium 06 ppm Magnesium 0 <1 ppm Zinc ppm 0 10 Phosphorus 0 975 ppm Barium ppm 0 🔘 Boron ppm 0 151





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1015 SUTTON DRIVE BURLINGTON, ON CA L7L 5Z8 Contact: Joseph Rodgers joseph.rodgers@liebherr.com T: (905)319-9222 F: (905)319-6622

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. Please specify the component make and model with your next sample.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.

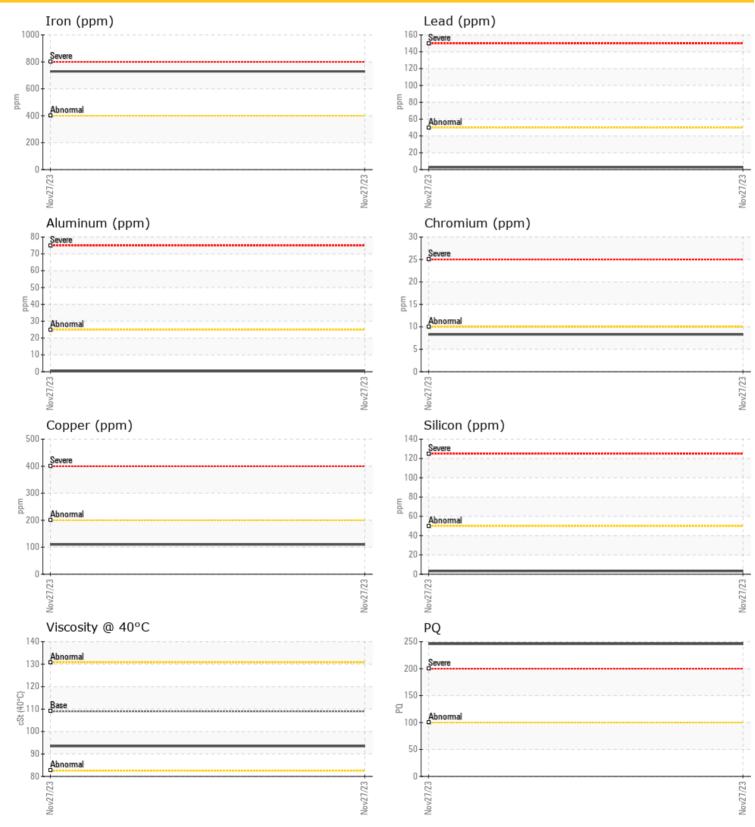
Depot:	LIEMIS
Unique No:	5684611
Signed:	Kevin Marson
Report Date:	30 Nov 2023





GRAPHS

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Report Id: LIEMIS [WCAMIS] 02599531 (Generated: 11/30/2023 06:53:07) Rev: 1

Contact/Location: Joseph Rodgers - LIEMIS