

NO UNIT LH0285050 - Differential

LH0285050

29 Jan 2024

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0

N/A SEVERE

Sample No: LH0285050

Oil Type:

- I.

GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	
Sample Date	
Machine Hours	
Oil Hours	
Oil Changed	
Sample Status	

OIL CO	NDITION			
Visc @ 40°C	cSt	0 102	 	
Visc @ 100°C	cSt	0 15.3	 	
Viscosity Index (VI)	Scale	0 158	 	

CONTAMINATION					
Water	%	NEG			
Silicon	ppm	6			
Sodium	ppm	02			
Potassium	ppm	02			

 \odot **WEAR METALS** PQ 0 Iron ppm 0 2018 Copper ppm 0 126 Lead ppm 07 Tin 06 ppm Aluminum ppm 01 Chromium 0 21 ppm ○ <1 Molybdenum ppm Nickel 2 ppm Titanium ppm Ω Silver 0 ppm Manganese 19 ppm Vanadium 0 ppm

0 **ADDITIVES** Calcium ppm 0 15 Magnesium ppm 2 Zinc ppm 046 Phosphorus ppm 0 1205 Barium ppm 0 0 164 Boron ppm





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Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. 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. Iron ppm levels are severe. Chromium ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. Moderate concentration of visible dirt/debris present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

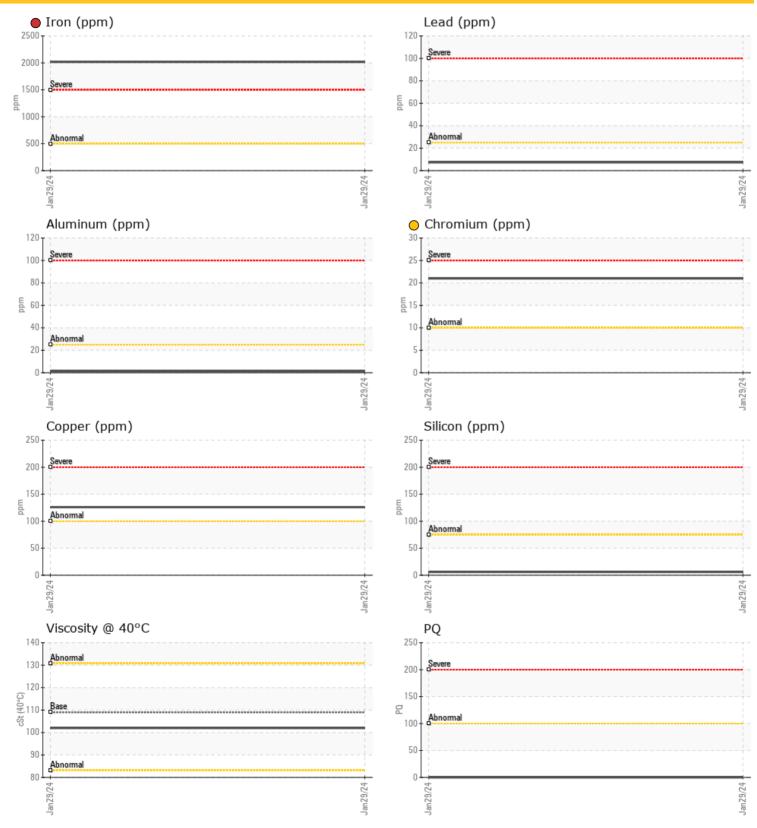
Depot:	LIEMIS
Unique No:	5721231
Signed:	Bill Quesnel
Report Date:	05 Feb 2024





GRAPHS

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Contact/Location: Steve Lehto - LIEMIS