LIEBHERR

CONSTRUCTION EQUIPMENT

S38 LIKEHERR S38 CHEBHERR

[KELLER] 115479 - Distribution Gear

Sample No: LH0286521

Oil Type: GEAR OIL LS 80W90

SAMPLEINFORMATION					
SAMPLE INFORMATION					
Sample Number		LH0286521			
Sample Date		14 Mar 2024			
Machine Hours		493			
Oil Hours		0			
Oil Changed		Changed			
Sample Status		NORMAL			
OIL CO	ONDITION				
Visc @ 40°C	cSt	196			
V130 @ 40 O	001	0 100			
CONTAMINATION					
CONT	AMINATIO	ON			
Water	%	NEG			
Silicon	ppm	0 <1			
Sodium	ppm	2			
Potassium	ppm	0			
WEAR METALS					
		10			
Iron	ppm	○ 18			
Copper	ppm	6			
Lead	ppm	0			
Tin	ppm	0			
Aluminum	ppm	O <1			
Chromium	ppm	0			
Molybdenum	ppm	0			
Nickel	ppm	0 <1			
Titanium	ppm	0			
Silver	ppm	<1			
Manganese	ppm	2			
Vanadium	ppm	0			
ADDI	TIVES				
Calcium		11			
Magnesium	ppm	2			
-	ppm	34			
Zinc	ppm	-			
Phosphorus	ppm	1172			
Barium	ppm	0 <1			

LIEBHERR CANADA LTD.

1015 SUTTON DRIVE BURLINGTON, ON CA L7L 5Z8

Contact: Steve Lehto steve.lehto@liebherr.com

T: (905)319-9222 F: (905)319-6617

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 LS 80W90. 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: LIEMIS
Unique No: 5747573
Signed: Wes Davis
Report Date: 15 Mar 2024

Contact/Location: Steve Lehto - LIEMIS

ppm

Boron

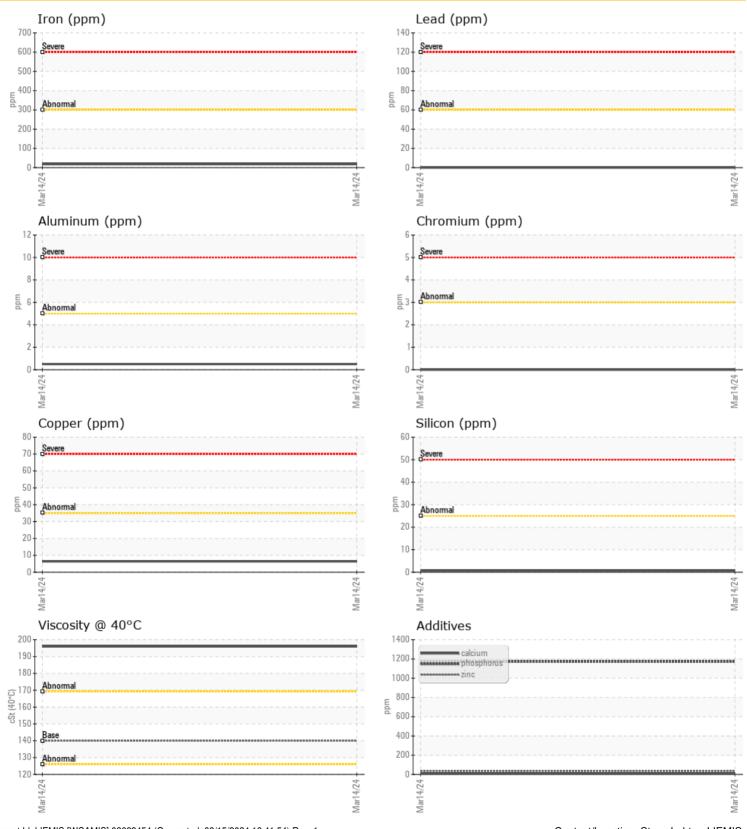
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GRAPHS



Report Id: LIEMIS [WCAMIS] 02622454 (Generated: 03/15/2024 16:41:54) Rev: 1

Contact/Location: Steve Lehto - LIEMIS