## **CONSTRUCTION EQUIPMENT**

# [[SEAGATE TERMINALS]] - Swing Drive

Sample No: LH0273461

ppm

Potassium

LIEBHERR GEAR BASIC 90 LS Oil Type:

<b>a</b>				
Sam	ple Infor	mation		
Sample Number		LH0273461	LH0200586	 
Sample Date		10 May 2024	02 Mar 2022	 
Machine Hours		1901	415	 
Oil Hours		0	415	 
Oil Changed		Changed	Changed	 
Sample Status		NORMAL	NORMAL	 
Oil	ondition	ı		
Visc @ 40°C	cSt	<b>196</b>	<b>170</b>	 
Conf	taminati	on		
Water	%	NEG	NEG	 
Silicon	ppm	<b>O</b> 5	O 1	 
Sodium	ppm	<b>3</b>	<b>4</b>	 

	15 15	•		
(Ö)				
Wear	Metals			
Iron	ppm	<b>187</b>	O 54	 
Copper	ppm	<b>55</b>	<b>1</b> 3	 
Lead	ppm	<b>0</b>	0	 
Tin	ppm	<b>2</b>	<b>O</b> <1	 
Aluminum	ppm	<b>0</b>	O <1	 
Chromium	ppm	<b>0</b> <1	O <1	 
Molybdenum	ppm	<b>0</b>	O <1	 
Nickel	ppm	<b>0</b>	O <1	 
Titanium	ppm	0	0	 
Silver	ppm	0	<1	 
Manganese	ppm	<b>2</b>	O <1	 
Vanadium	ppm	0	0	 

Vanadium	ppm	0	0				
Additives							
Calcium	ppm	<b>34</b>	<b>136</b>				
Magnesium	ppm	<b>0</b>	0				
Zinc	ppm	<b>17</b>	<b>O</b> 50				
Phosphorus	ppm	<b>2407</b>	O 2315				
Barium	ppm	<b>0</b>	O 0				
Boron	ppm	<b>5</b>	<b>6</b>				





#### LIEBHERR EQUIPMENT SOURCE

10119 RESIDENCY ROAD MANASSAS, VA US 20110 Contact: TOM HEINEY

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#### Diagnosis

Resample at the next service interval to monitor.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: LIEBHERRVA **Unique No:** 11044865 Signed: Sean Felton Report Date: 24 May 2024

# LIEBHERR







### **Graphs**

