LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR A944 038730-194 - Swing Drive

7

<1

114

10

89

758

1

89

Report Id: ALTWAUWI [WUSCAR] 05890959 (Generated: 07/07/2023 14:12:03) Rev: 1

ppm

ppm

mqq

ppm

ppm

ppm

ppm

ppm

ADDITIVES

Sample No: LH0263825

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Oil Type: GEAR OIL LS 80W90

U SAN	APLE INFO	DRMATION		
Sample Number		LH0263825	LH0185263	
Sample Date		28 Jun 2023	29 Jan 2021	
Machine Hours		29970	27384	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		SEVERE	ABNORMAL	
À .				
OII 4	CONDITIO	AN .		
Visc @ 40°C	cSt	134	O 121	
and the				
CON	ITAMIN	TION		
Water	%	1.69	0.285	
Silicon	ppm	O 34	O 4	
Sodium	ppm	07	0 2	
Potassium	ppm	07	0 <1	
	1-1-			
◎ WE	AR META	16		
AA EY	AR ME I A			
Iron	ppm	1015	O 671	
Copper	ppm	165	O 441	
Lead	ppm	() <1	O <1	
Tin	ppm	10	O 18	
Aluminum	ppm	21	O 2	
Chromium	ppm	11	O 7	
Molybdenum	ppm	3	O 2	
Nickel	ppm	4	4	
Titanium	ppm	1	<1	
Silver	ppm	0	4	

0 4

33

06

55

536

0

○ 30



ALTER METAL 2080 SPINDT DR WAUPACA, WI US 54981

Contact: BRAD DORMADY brad.dormady@altertrading.com

T: F:

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. There is a high concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot:ALTWAUWIUnique No:10546769Signed:Angela BorellaReport Date:07 Jul 2023

CONSTRUCTION EQUIPMENT





GRAPHS

