



162921049 - Hydraulic System

Sample No: LH0281546

Chromium

Nickel

Silver

Titanium

Manganese

Vanadium

Molybdenum

Oil Type: AW HYDRAULIC OIL ISO 32

	PLE INFOR	MATION		
Sample Number		LH0281546	LH0227488	
Sample Date		01 Jan 2024	11 Oct 2022	
Machine Hours		1175	535	
Oil Hours		0	0	
Oil Changed		Not Changd	Not Changd	
Sample Status		ABNORMAL	NORMAL	
OIL CO	ONDITION	1		
Visc @ 40°C	cSt	0 30.7	31.7	
	AMINATI	ON		
Water	%	NEG	NEG	
Particles >4µm		<u> </u>	0 18812	
Particles >6µm		<u> </u>	3751	
Particles >14µm		0 168	0 163	
SO 4406:1999 (c)		23/21/15	21/19/15	
Silicon	ppm	3	0 2	
Sodium	ppm	<mark></mark> <1	◯ <1	
Potassium	ppm	3	○ <1	
Ä				
WEAP	R METALS			
ron	ppm	0 4	3	
Copper	ppm	01	○ <1	
_ead	ppm	() <1	◯ <1	
Tin	ppm	0	0	
Aluminum	ppm	01	○ <1	

LIEBHERR CANADA LTD.

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Diagnosis

We advise that you check for the source of water entry. We advise that you follow the water drain-off procedure for this component. We recommend you service the filters on this component. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. Free water present. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

ADDITIVES										
Calcium	ppm	0 85	86							
Magnesium	ppm	0 15	0 16							
Zinc	ppm	387	387							
Phosphorus	ppm	0 329	352							
Barium	ppm	○ <1	0							
Boron	maa	02	\bigcirc 1							

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<1

0

0

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Depot:LIEMISUnique No:5707171Signed:Kevin MarsonReport Date:03 Jan 2024

○ <1

◯ <1

○ <1

0

0

0

0

ppm

ppm

ppm

ppm

ppm

ppm

ppm

Contact/Location: Steve Lehto - LIEMIS





GRAPHS

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