LIEBHERR

CONSTRUCTION EQUIPMENT



Sample No: LH0289456

Oil Type: LIEBHERR HYDRAULIC 37

-					
J Sam	ple Infor	mation			
Sample Number	_	LH0289456	LH0251625	LH0242621	
Sample Date		04 Apr 2024	20 Jan 2023	17 Oct 2022	
Machine Hours		1873	836	325	
Oil Hours		0	0	0	
Oil Changed		Not Changd	Not Changd	Not Changd	
Sample Status		NORMAL	NORMAL	NORMAL	
<u> </u>		110111111			
Oil C	ondition				
/isc @ 40°C	cSt	○ 34.7	○ 36.2	○ 36.3	
-1					
0	aminatio				
Con		on .			
Vater	%	NEG	NEG	NEG	
Particles >4µm		4363	O 2445	O 2482	
Particles >6µm		786	O 797	494	
Particles >14µm		25	O 55	35	
SO 4406:1999 (c)	19/17/12	18/17/13	18/16/12	
Silicon	ppm	0	O <1	O 1	
Sodium	ppm	0 <1	O <1	O <1	
Potassium	ppm	01	0 1	0 2	
Wed	ır Metals	;			
ron	ppm	0 <1	O <1	O <1	
Copper	ppm	2	0 2	O 2	
.ead	ppm	0	O <1	O <1	
in	ppm	0 0	O <1	O 0	
Aluminum	ppm	0	0	O 0	
Chromium	ppm	0	0 0	0	
Nolybdenum	ppm	O 2	0 0	0 0	
Nickel	ppm	O 0	0 <1	0	
itanium	ppm	0	0	0	
Silver	ppm	0	0	0	
Manganese	ppm	0	00	0 0	
/anadium	ppm	0	0	0	
	itives				
Calcium	ppm	180	107	108	
Magnesium	ppm	36	O <1	O <1	
Zinc	ppm	402	356	348	

307

0

307

0



1015 SUTTON DRIVE BURLINGTON, ON CA L7L 5Z8

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Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill.
Resample at the next service interval to monitor.All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot:LIEMISUnique No:5760846Signed:Wes DavisReport Date:10 Apr 2024

Contact/Location: Steve Lehto - LIEMIS

315

0

5

Phosphorus

Barium

Boron

ppm

ppm

ppm

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Graphs

