LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR A934C 057446-1007 - Hydraulic System

Sample No: LH0276179

Oil Type: KLONDIKE AW 46

Sam	ple Info	rmation			
Sample Number	•	LH0276179	LH0281186	LH0213842	LH0213847
Sample Date		21 Apr 2024	22 Jan 2024	11 Jul 2023	24 Apr 2023
Machine Hours		26815	26482	25673	25419
Oil Hours		0	0	0	0
Oil Changed		Not Changd	Changed	Not Changd	Not Changd
Sample Status		ABNORMAL	ABNORMAL	NORMAL	NORMAL
Oil	ondition	1			
/isc @ 40°C	cSt	33.5	36.3	42.0	O 42.1
ii Cani					

Contamination							
Water	%	NEG	NEG	NEG	NEG		
Particles >4µm		68742	1302	5258	4338		
Particles >6µm		11457	88	969	O 595		
Particles >14µm		176	1 1	77	25		
ISO 4406:1999 (c)		23/21/15	18/14/11	20/17/13	19/16/12		
Silicon	ppm	0	O <1	O <1	O <1		
Sodium	ppm	() <1	O <1	O <1	O <1		
Potassium	ppm	0	O <1	<1	O <1		

Wed	ar Metals	•				
Iron	ppm	4	O 4	O 5	9	
Copper	ppm	○ <1	O 2	3	6	
Lead	ppm	0	O <1	<1	O <1	
Tin	ppm	0	O 0	0	0	
Aluminum	ppm	 <1	O <1	<1	O 0	
Chromium	ppm	○ <1	O <1	O <1	O <1	
Molybdenum	ppm	() <1	O <1	0	O 0	
Nickel	ppm	0	O 0	0	0	
Titanium	ppm	0	0	0	0	
Silver	ppm	0	0	0	0	
Manganese	ppm	0	0	0	<1	
Vanadium	ppm	0	0	0	0	

Vanadium	ppm	U	0	0	0	
Add	litives					
Calcium	ppm	29	O 49	56	O 46	
Magnesium	ppm	5	6	2	O 1	
Zinc	ppm	261	O 275	408	426	
Phosphorus	ppm	215	O 225	347	381	
Barium	ppm	0	O 0	0	0	
Boron	ppm	O <1	O <1	<1	O <1	



ABC RECYCLING 8081 MEADOW AVE. BURNABY, BC CA V3N 2V9 Contact: John Anderson john.anderson@abcrecycling.com T: (778)988-9944 F:

Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. The fluid was specified as KLONDIKE AW 46, however, a fluid match indicates that this fluid is ISO 32 AW Hydraulic Oil. Please confirm the oil type and grade on your next sample.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. Viscosity of sample indicates oil is within ISO 32 range, advise investigate. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Depot: ABCBUR
Unique No: 5772136
Signed: Kevin Marson
Report Date: 24 Apr 2024

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Graphs

