LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH30M 099527-1253 - Swing Drive

Sample No: LH0284022

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

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U SAM	PLE INF	ORMATION			
Sample Number		LH0284022	LH0250579	LH0246869	LH0173455
Sample Date		24 Jan 2024	13 Sep 2023	08 Feb 2023	01 Sep 2021
Machine Hours		12056	11483	10338	7094
Oil Hours		0	0	0	0
Oil Changed		Changed	Changed	Changed	Changed
Sample Status		ABNORMAL	NORMAL	ABNORMAL	NORMAL
<u> </u>					
OILC	ONDITI	ON			
Visc @ 40°C	cSt	110	O 110	O 105	172
CON	TAMIN	ATION			

CONT	CONTAMINATION								
Water	%	NEG	NEG	NEG	NEG				
Silicon	ppm	5	O 2	O 2	9				
Sodium	ppm	 <1	O <1	O 1	02				
Potassium	ppm	2	O <1	0	O <1				

WEA	R METALS	3			
Iron	ppm	591	O 79	O 102	O 194
Copper	ppm	348	O 113	O 151	3 3
Lead	ppm	10	3	4	O 1
Tin	ppm	9	O 4	4	O 2
Aluminum	ppm	 <1	O <1	O 0	O <1
Chromium	ppm	4	O <1	O <1	O 2
Molybdenum	ppm	0	O <1	O 0	O <1
Nickel	ppm	 <1	O <1	O <1	O <1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	<1
Manganese	ppm	4	O <1	<1 <1	O 2
Vanadium	ppm	0	0	0	0

Vanadium	ppm	0	0	0	0	
ADD	ITIVES					
Calcium	ppm	9	O 21	O 14	O 4	
Magnesium	ppm	2	O 2	<1	1	
Zinc	ppm	26	16	20	9	
Phosphorus	ppm	1292	O 1399	1409	2410	
Barium	ppm	0	0	O 0	O 0	
Boron	ppm	102	O 262	288	53	



West Coast Metal Recycling 5771 Production Way Langley, BC CA V3A 4N5

Contact: Terry .
terry@gotmetal.ca

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Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of water present in the oil. Free water present. The oil is no longer serviceable due to the presence of contaminants.

Depot:WES577LANUnique No:5720963Signed:Bill QuesnelReport Date:30 Jan 2024

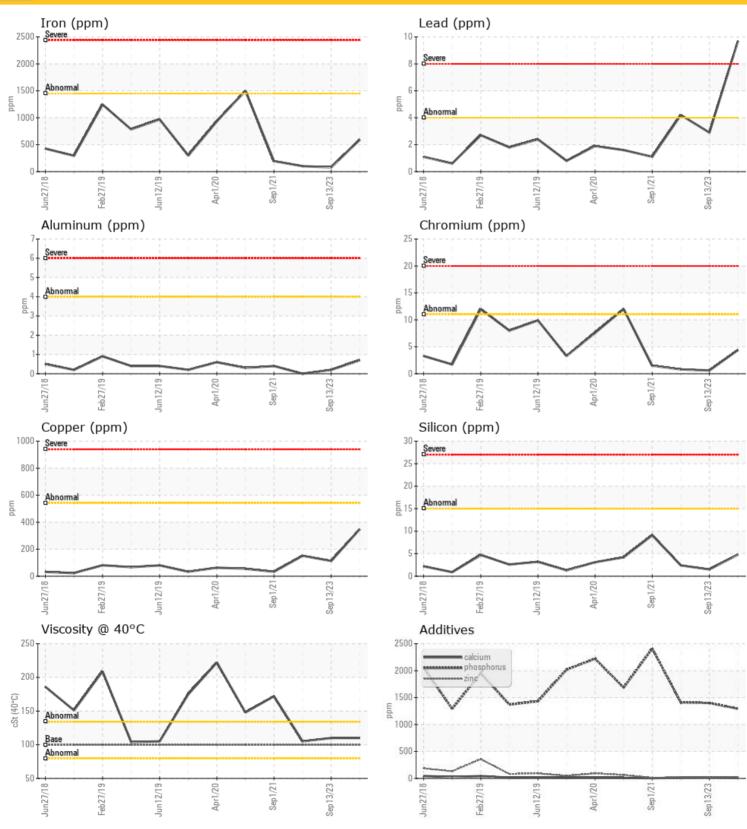
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GRAPHS



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Contact/Location: Terry . - WES577LAN