LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR L586 046356-1334 - Splitter Box

Sample No: LH0277396

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

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SAMI	PLE INFOR	MATION			
Sample Number		LH0277396	LH0250224	LH0238576	LH0230517
Sample Date		04 Jan 2024	01 Feb 2023	17 Sep 2022	10 May 2022
Machine Hours		4931	12310	11615	10602
Oil Hours		0	0	0	0
Oil Changed		Changed	Changed	Changed	Changed
Sample Status		ABNORMAL	NORMAL	NORMAL	NORMAL
	ONDITION				
Visc @ 40°C	CSt	46.2	96.0	○ 86.4	
Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	O 12	8	19
Sodium	ppm	10	O <1	O 2	O 2
Potassium	ppm	5	O <1	O 1	O 2

WEAI	RMETALS				
Iron	ppm	130	O 15	2 3	93
Copper	ppm	2	O <1	O <1	O 2
Lead	ppm	1	O 0	O <1	O <1
Tin	ppm	0 <1	O 0	0	O <1
Aluminum	ppm	2	O 1	3	6
Chromium	ppm	4	O 0	O <1	O 1
Molybdenum	ppm	0	O 0	O 0	0
Nickel	ppm	0 <1	O 0	O <1	O <1
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	O <1	O <1	O 2
Vanadium	ppm	0	0	0	0

Vanadium	ppm	0	0	0	0	
ADI	DITIVES					
Calcium	ppm	14	18	O 72	7 3	
Magnesium	ppm	2	O 2	4	5	
Zinc	ppm	76	30	129	219	
Phosphorus	ppm	424	O 1336	O 1226	O 1237	
Barium	ppm	<1	0	O	O 0	
Boron	ppm	5	○ 318	O 255	196	





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364 BRIGGS CROSS ROAD STILESVILLE, NB CA E1G 3G3

Contact: Blaine Cail

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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. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within ISO 46 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

Depot: MODSTI
Unique No: 5708314
Signed: Kevin Marson
Report Date: 09 Jan 2024

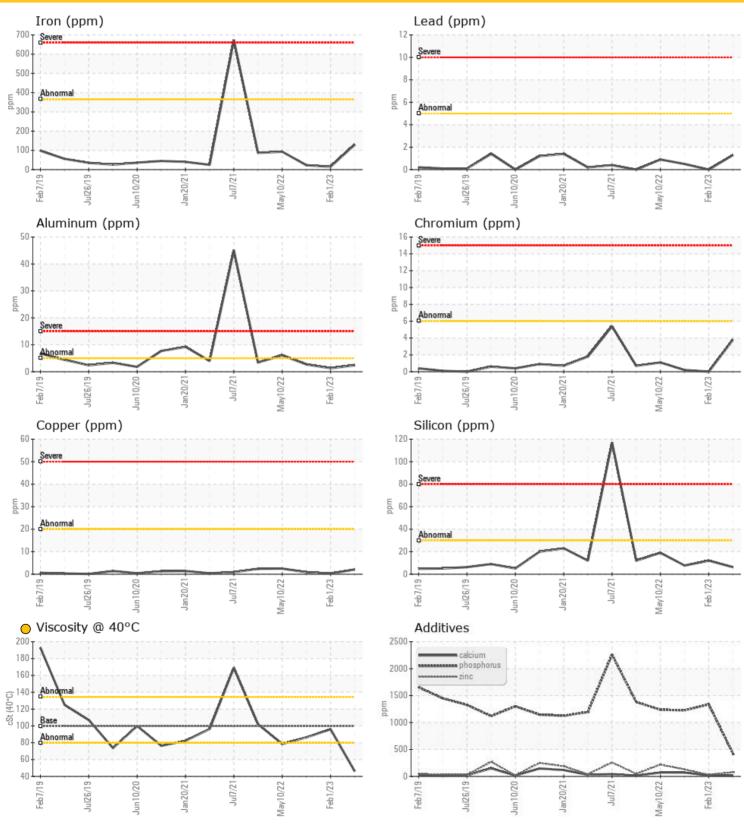
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GRAPHS



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Submitted By: ?