LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR L566 036436 - Splitter Box

Sample No: LH0090436

Oil Type: LIEBHERR GEAR BASIC 90 LS

5					
Sam	ple Infor	mation			
Sample Number		LH0090436	LH0145380	LH0098733	
Sample Date		21 Mar 2024	14 May 2020	27 Sep 2019	
Machine Hours		7312	5805	4869	
Oil Hours		0	0	0	
Oil Changed		N/A	Changed	Changed	
Sample Status		NORMAL	NORMAL	NORMAL	
À.					
Oil C	ondition	1			
Visc @ 40°C	cSt	71.4	0 84.7	O 95.1	
-1				0 11	
Cont	aminati	on			
Water	%	NEG	NEG	NEG	
Silicon	ppm	3	0 1	O 3	
Sodium	ppm	2	0 0	0	
Potassium	ppm	O <1	0 <1	O <1	
Wed	ır Metals	5			
Iron	ppm	27	8	O 11	
Copper	ppm	2	O 1	O <1	
Lead	ppm	0	O <1	O 0	
Tin	ppm	0	O 0	0 0	
Aluminum	ppm	O <1	O <1	O <1	
Chromium	ppm	0	O <1	O <1	
Molybdenum	ppm	5	O 2	O 1	
Nickel	ppm	0	O 0	O <1	
Titanium	ppm	0	<1	<1	
Silver	ppm	0	<1	<1	
Manganese	ppm	0	O <1	<1	
Vanadium	ppm	0	0	0	
Addi	itives				
Calcium	ppm	281	100	O 61	
Magnesium	ppm	74	30	O 16	
Zinc	ppm	275	130	O 75	
Phosphorus	ppm	1069	O 1260	O 1254	

<1</p>

285

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287



McCain Farms

P.O. Box 409 Bath, NB CA E7J 2N2 Contact: Nathan

nathan.ogden@mccain.ca

T: (506)278-5753

F:

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 SAE 80 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:MCCBATUnique No:5749878Signed:Kevin MarsonReport Date:26 Mar 2024

Contact/Location: Nathan? - MCCBAT

0

ppm

ppm

Barium

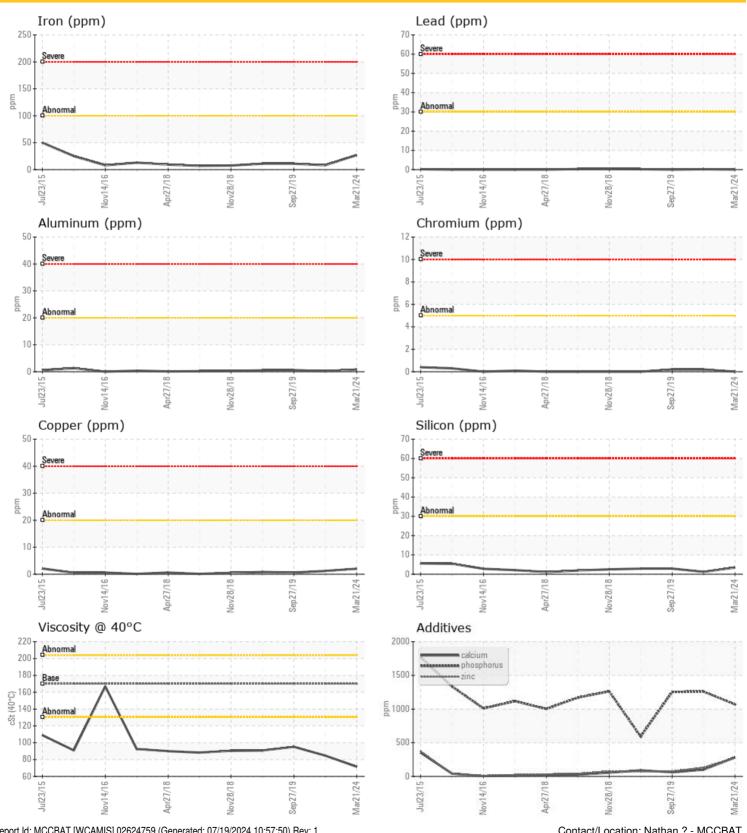
Boron

CONSTRUCTION EQUIPMENT





Graphs



Report Id: MCCBAT [WCAMIS] 02624759 (Generated: 07/19/2024 10:57:50) Rev: 1

Contact/Location: Nathan? - MCCBAT