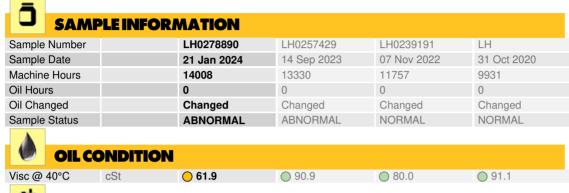
LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR L566 036511-1168 - Splitter Box

Sample No: LH0278890

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



CONT	AMINATIO	N			
Water	%	0.022	NEG	NEG	NEG
Silicon	ppm	4	O 6	○ 3	O 2
Sodium	ppm	2	O 2	O <1	O <1
Potassium	ppm	4	O 1	O 0	O <1

(O) WEA					
WEA	R METALS				
PQ			68		
Iron	ppm	13	278	10	6
Copper	ppm	5	O 2	5	O 5
Lead	ppm	1	O <1	<1	O <1
Tin	ppm	0	O 0	0	0
Aluminum	ppm	1	O <1	<1	O <1
Chromium	ppm	0	O 1	O	0
Molybdenum	ppm	1	O 27	1	O <1
Nickel	ppm	 <1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	0 2	 <1	O <1
Vanadium	ppm	0	0	0	0

0					
ADI	DITIVES				
Calcium	ppm	601	O 13	371	16
Magnesium	ppm	6	3	4	O 2
Zinc	ppm	356	O 16	195	O 22
Phosphorus	ppm	982	○ 3009	O 1191	O 1192
Barium	ppm	0	O 0	O 0	O 0
Boron	ppm	161	O 270	O 231	○ 300



Summit Aggregates 2686 Greenfield Blvd. Ayr, ON CA N0B 1E0 Contact: Greg . greg@summitagg.com T: (226)791-0161 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. The water content is negligible. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 20 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:SUMAYRUnique No:5711456Signed:Kevin MarsonReport Date:23 Jan 2024

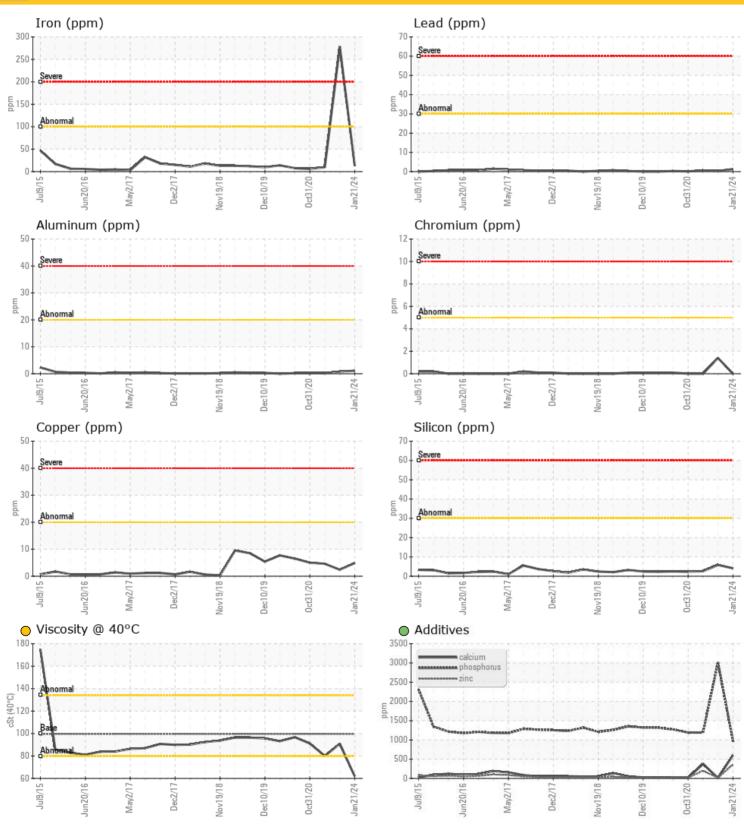
LIEBHERR

CONSTRUCTION EQUIPMENT





GRAPHS



Report Id: SUMAYR [WCAMIS] 02610370 (Generated: 01/23/2024 13:52:11) Rev: 1

Submitted By: Rick Cule