LIEBHERR





Sample No: LH0281203

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

Ō SAMI	PLE INFOR	MATION				
Sample Number		LH0281203	LH0144863	LH		
Sample Date		18 Jan 2024	31 Jul 2019	22 May 2019		
Machine Hours		17608	15200	0		
Oil Hours		0	0	0		
Oil Changed		Changed	Not Changd	N/A		
Sample Status		NORMAL	NORMAL	NORMAL		
OIL CONDITION						
Visc @ 40°C	cSt	131	O 132	132		
CONTAMINATION						
Water	%	NEG	NEG	NEG		

CONTAMINATION						
Water	%	NEG	NEG	NEG		
Silicon	ppm	1	O <1	O 1		
Sodium	ppm	12	O 12	O 12		
Potassium	ppm	1657	1795	O 1721		

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WE!	AR METAI	LS			
Iron	ppm	7	6	O 5	
Copper	ppm	46	○ 39	○ 35	
Lead	ppm	1	O <1	O <1	
Tin	ppm	0	O 0	O 0	
Aluminum	ppm	<1	O <1	O 0	
Chromium	ppm	0	O <1	O 0	
Molybdenum	ppm	0	O <1	<1	
Nickel	ppm	<1	O 0	O 0	
Titanium	ppm	0	0	O 0	
Silver	ppm	0	<1	0	
Manganese	ppm	0	O <1	<1	
Vanadium	ppm	0	0	0	

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ADDITIVES						
Calcium	ppm	87	88	86		
Magnesium	ppm	1	O <1	1		
Zinc	ppm	34	O 34	31		
Phosphorus	ppm	492	497	484		
Barium	ppm	1	1	<1		
Boron	ppm	1559	1648	1572		



Liebherr Canada 140 - 21320 Gordon Way Richmond, BC CA V6W 1J8 Contact: Kevin Steer

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Diagnosis

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. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

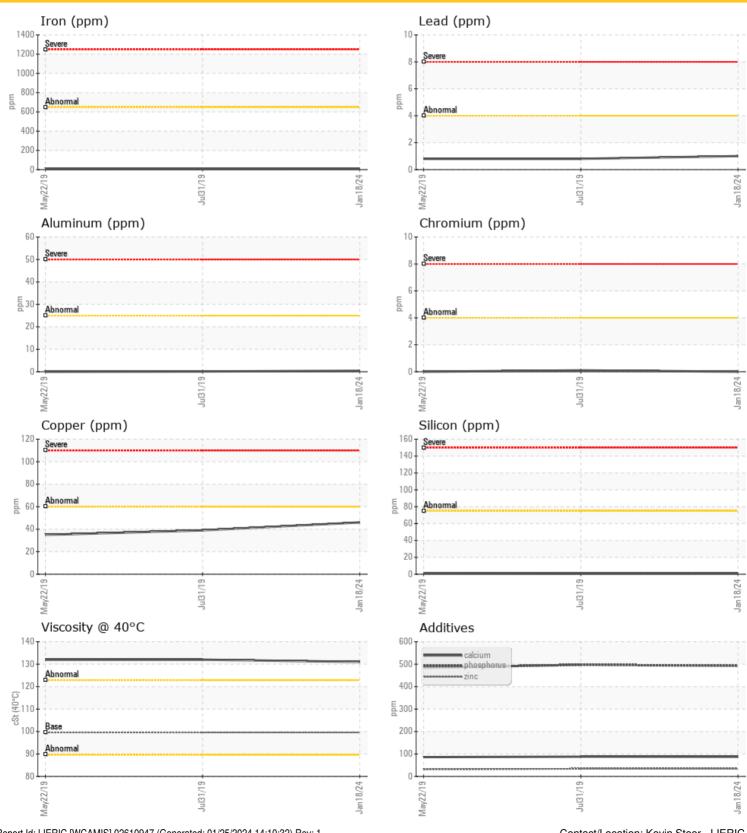
Confirm the source of the lubricant

Depot: LIERIC
Unique No: 5720042
Signed: Kevin Marson
Report Date: 25 Jan 2024





GRAPHS



Report Id: LIERIC [WCAMIS] 02610947 (Generated: 01/25/2024 14:10:32) Rev: 1

Contact/Location: Kevin Steer - LIERIC