



[LIEBHERR RENTAL UNIT] 115454 - Diesel Engine

Sample No: LH0286440

Oil Type:

PETRO CANADA DURON UHP 5W30

- Samp	ole Infor	mation		
Sample Number		LH0286440	LH0250373	
Sample Date		01 Jun 2024	04 Oct 2023	
Machine Hours		3395	3030	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
Oil Co	ondition			
Visc @ 40°C	cSt	0 70.3		
Visc @ 100°C	cSt	0 11.8	0 11.3	
Viscosity Index (VI)		0 164		
Oxidation (PA)	%	78	68	
				
Conto	aminatio	.		
Water	%	NEG	NEG	
Soot %	%	0 🔘	0	
Nitration (PA)	%	76	63	
Sulfation (PA)	%	56	54	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon	ppm	5	5	
Sodium	ppm	04	0 4	
Potassium	ppm	○ <1	◯ <1	
~				
Ø Weg	r Metals			
Iron	ppm	3	03	
Copper	ppm	 <1	0 <1	
Lead	ppm	0	00	
Tin	ppm	0	00	
Aluminum	ppm	 <1	0 <1	
Chromium	ppm	0	00	
			0 58	
Molybdenum	ppm	0 61		
Nickel	ppm	0	0	
Titanium	ppm	0	0	
Silver	ppm	0	0 <1	
Manganese	ppm	0	0	
Vanadium	ppm	0	0	
Addi	tives			
		0 940	0 0 4 7	
Coloium	ppm	0 840	847	
Calcium		A 1100	O 1000	
Magnesium	ppm	0 1133	0 1089	
Magnesium Zinc	ppm ppm	0 1213	1197	
Vagnesium	ppm			

○ <1

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LIEBHERR CANADA LTD.

10374 267 ST. ACHESON, AB CA T7X 6A2 Contact: Brent Gradwell brent.gradwell@liebherr.com T: (780)267-6005 F: (780)962-6799

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Report Id: LIESPR [WCAMIS] 02640871 (Generated: 06/10/2024 16:33:58) Rev: 1

ppm

ppm

0

0 46

Barium

Boron

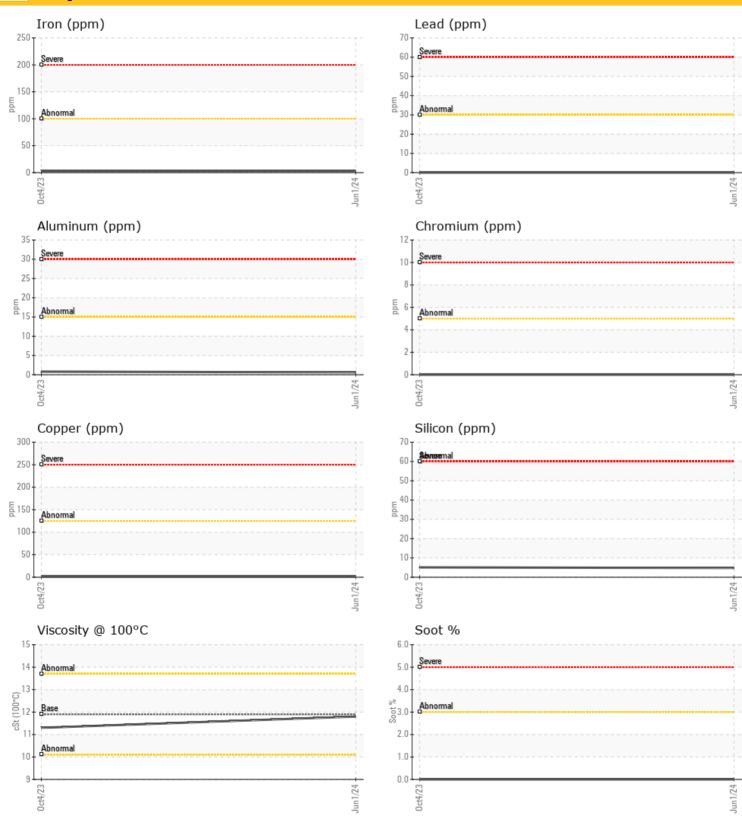
Depot:LIESPRUnique No:5798410Signed:Wes DavisReport Date:10 Jun 2024

Contact/Location: Brent Gradwell - LIESPR

CONSTRUCTION EQUIPMENT



Graphs



Contact/Location: Brent Gradwell - LIESPR