

[CONDRAIN] 18134 - Diesel Engine

LH0277795

17 Nov 2023 6550

Not Changd NORMAL

0 11.0

69

0

Sample No: LH0277795

Oil Type: DIESEL ENGINE OIL SAE 30

SAMPLE INFORMATION

Sample Number	
Sample Date	
Machine Hours	
Oil Hours	
Oil Changed	
Sample Status	

)	OIL CO	NDITION			
@	100°C	cSt			

%

Visc @ 100°C Oxidation (PA)

CON	ITAMIN	ATION
~	0/	NEC

Water	%	NEG	 	
Soot %	%	0 0	 	
Nitration (PA)	%	61	 	
Sulfation (PA)	%	57	 	
Glycol	%	NEG	 	
Fuel	%	0 1.5	 	
Silicon	ppm	6	 	
Sodium	ppm	02	 	
Potassium	ppm	0 ()	 	

WEAR METALS

Iron	ppm	5	 	
Copper	ppm	02	 	
Lead	ppm	02	 	
Tin	ppm	0	 	
Aluminum	ppm	02	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	60	 	
Nickel	ppm	<mark></mark> <1	 	
Titanium	ppm	0 🔘	 	
Silver	ppm	○ <1	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

0

	DITIVES			
Calcium	ppm	0 1067	 	
Magnesium	ppm	989	 	
Zinc	ppm	0 1212	 	
Phosphorus	ppm	0 1001	 	
Barium	ppm	○ <1	 	
Boron	ppm	0 2	 	
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LIEBHERR CANADA LTD.

1015 SUTTON DRIVE BURLINGTON, ON CA L7L 5Z8 Contact: Joseph Rodgers joseph.rodgers@liebherr.com T: (905)319-9222 F: (905)319-6622

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 30. Please confirm. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot:LIEMISUnique No:5682841Signed:Wes DavisReport Date:22 Nov 2023

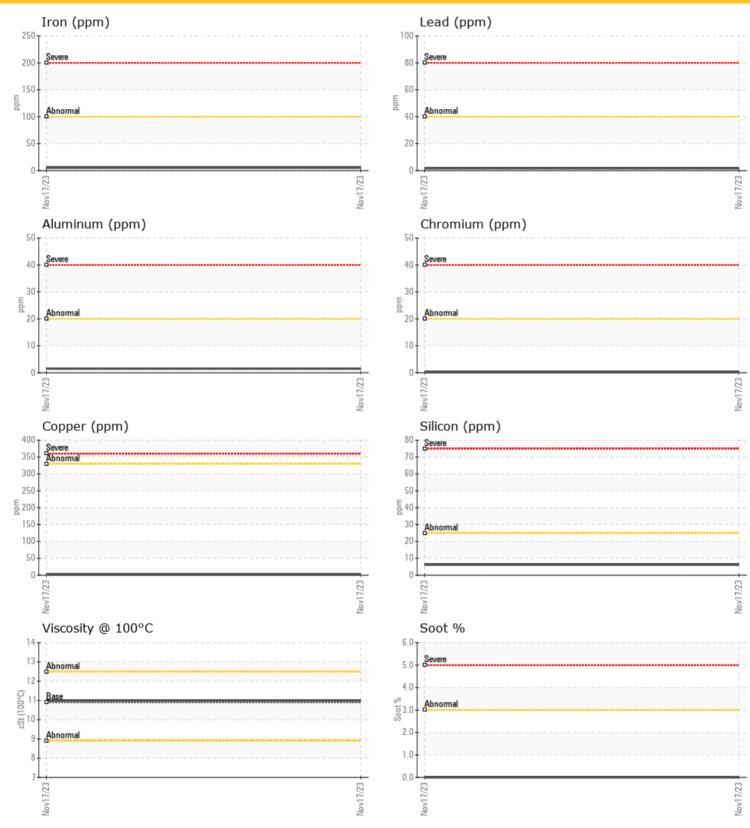
Contact/Location: Joseph Rodgers - LIEMIS





GRAPHS

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Report Id: LIEMIS [WCAMIS] 02597761 (Generated: 11/22/2023 04:30:10) Rev: 1

Contact/Location: Joseph Rodgers - LIEMIS