

NO UNIT NO SIF - Diesel Engine

Sample No: LH

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION Sample Number LH Sample Date 26 Feb 2023

0

0

N/A NORMAL

0 14.5

67

Machine Hours	
Oil Hours	
Oil Changed	
Sample Status	

۲	OIL CO	ONDITION
Visc @	100°C	cSt

%

Oxidation (PA)

CONTAMINATION

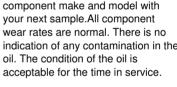
Water	%	NEG			
Soot %	%	0.1			
Nitration (PA)	%	66			
Sulfation (PA)	%	60			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	0 4			
Sodium	ppm	01			
Potassium	ppm	3			

WEAD METALS

		•		
Iron	ppm	0 12	 	
Copper	ppm	02	 	
Lead	ppm	○ <1	 	
Tin	ppm	0 🔘	 	
Aluminum	ppm	01	 	
Chromium	ppm	<mark></mark> <1	 	
Molybdenum	ppm	6 3	 	
Nickel	ppm	0 🔘	 	
Titanium	ppm	0 🔘	 	
Silver	ppm	0 🔘	 	
Manganese	ppm	○ <1	 	
Vanadium	ppm	0	 	

	DITIVES			
Calcium	ppm	0 1162	 	
Magnesium	ppm	0 1030	 	
Zinc	ppm	0 1260	 	
Phosphorus	ppm	0 1139	 	
Barium	ppm	0 🔘	 	
Boron	ppm	0 2	 	
DOIDII	ppiii	2	 	







Fort McKay Industrial Park, Lot No. 12 and 13 Fort McMurray, AB CA T9H 5N3 Contact: Corey Ekroth corey.ekroth@liebherr.com T: (780)791-2967 F:

Diagnosis

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 40. Please confirm. Please specify the component make and model with your next sample.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is

Contact/Location: Crane Division - Corey Ekroth - LIEFTM

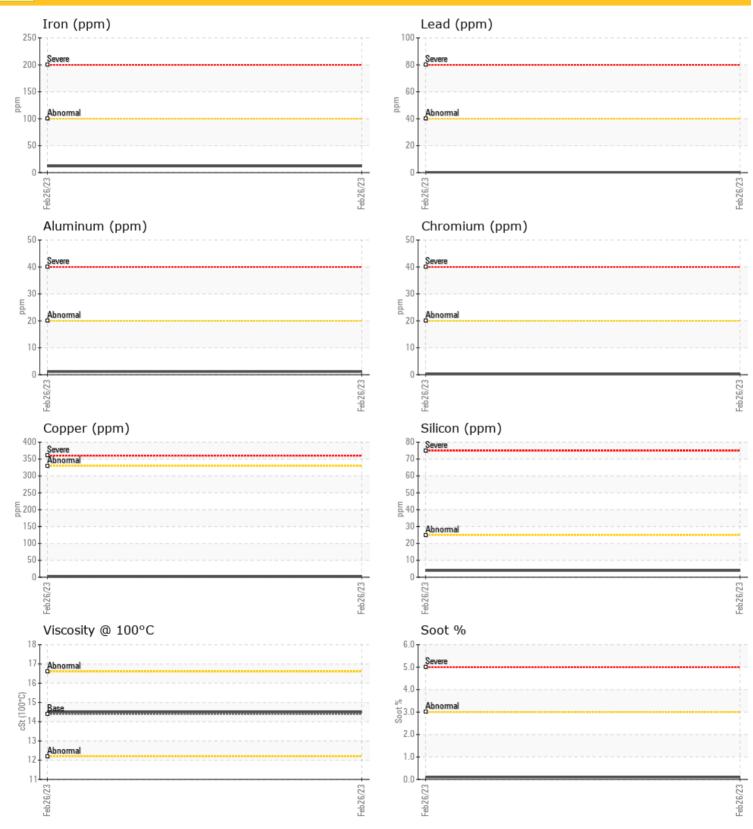






GRAPHS

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