

LIEBHERR L526 71329 - Diesel Engine

Sample No: LH0276153

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Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number	LH0276153	LH0270422			
Sample Date	27 Nov 2023	17 Sep 2023			
Machine Hours	1607	1122			
Oil Hours	0	0			
Oil Changed	Changed	Changed			
Sample Status	NORMAL	NORMAL			
OIL CONDITION					

UILCC	MUIION			
Visc @ 100°C	cSt	13.9	13.6	
Oxidation (PA)	%	62	66	

Water	%	NEG	NEG		
Soot %	%	0.2	0.4		
Nitration (PA)	%	58	65		
Sulfation (PA)	%	53	56		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	<1.0		
Silicon	ppm	3	6		
Sodium	ppm	2	0 2		
Potassium	ppm	01	◯ <1		

WEAR METALS

Iron	ppm	0 11	21	
Copper	ppm	0 2	0 9	
Lead	ppm	0 2	6	
Tin	ppm	0 🔘	○ <1	
Aluminum	ppm	02	0 2	
Chromium	ppm	0 🔘	○ <1	
Molybdenum	ppm	0 46	67	
Nickel	ppm	○ <1	0 1	
Titanium	ppm	0 🔘	0	
Silver	ppm	○ <1	0	
Manganese	ppm	0	◯ <1	
Vanadium	ppm	0	0	

ADDITIVES						
Calcium	ppm	0 1310	0 1059			
Magnesium	ppm	0 737	955			
Zinc	ppm	1124	0 1159			
Phosphorus	ppm	953	996			
Barium	ppm	○ <1	0			
Boron	ppm	33	8 🔘			





LIEBHERR CANADA LTD.

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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.

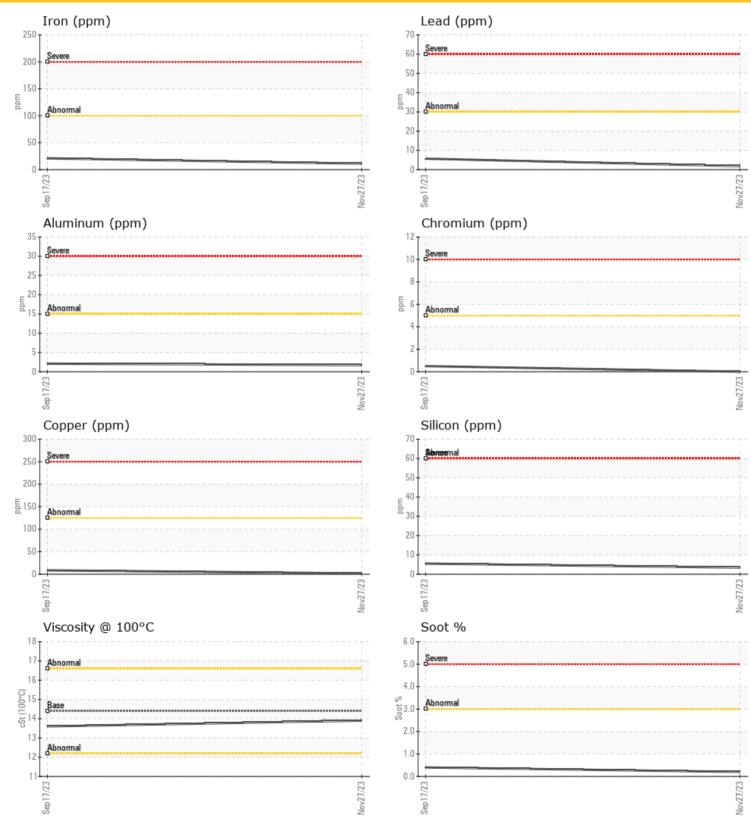
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GRAPHS

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Contact/Location: Joseph Rodgers - LIEMIS