

LIEBHERR PR736 26648 - Diesel Engine

Sample No: LH0225142

Oil Type: LIEBHERR MOTOROIL 5W30

SAMPLE INFORMATION

Sample Number	LH0225142	 	
Sample Date	11 Jan 2024	 	
Machine Hours	361	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

COIL CONDITION

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Visc @ 40°C	cSt	0 72.4	 	
Visc @ 100°C	cSt	0 12.0	 	
Viscosity Index (VI)	Scale	0 162	 	
Oxidation (PA)	%	184	 	

Water	%	NEG						
Soot %	%	0						
Nitration (PA)	%	92						
Sulfation (PA)	%	104						
Glycol	%	NEG						
Fuel	%	<1.0						
Silicon	ppm	0 9						
Sodium	ppm	4						
Potassium	maa	0 11						

WEAR METALS

Iron	ppm	1 3	 	
Copper	ppm	0 171	 	
Lead	ppm	6	 	
Tin	ppm	01	 	
Aluminum	ppm	0 4	 	
Chromium	ppm	02	 	
Molybdenum	ppm	0 37	 	
Nickel	ppm	<mark>()</mark> <1	 	
Titanium	ppm	0	 	
Silver	ppm	0 🔘	 	
Manganese	ppm	() <1	 	
Vanadium	ppm	0	 	

ADDITIVES

	IIVES			
Calcium	ppm	1451	 	
Magnesium	ppm	0 744	 	
Zinc	ppm	878	 	
Phosphorus	ppm	0 766	 	
Barium	ppm	0 17	 	
Boron	ppm	0 101	 	



LIEBHERR CANADA LTD.

10374 267 ST. ACHESON, AB CA T7X 6A2 Contact: Dustin Fluet dustin.fluet@liebherr.com T: (780)962-6088 F: (780)962-6799

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Elevated aluminum (AI) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:LIESPRUnique No:5710934Signed:Kevin MarsonReport Date:19 Jan 2024

Report Id: LIESPR [WCAMIS] 02609848 (Generated: 01/19/2024 14:07:39) Rev: 1

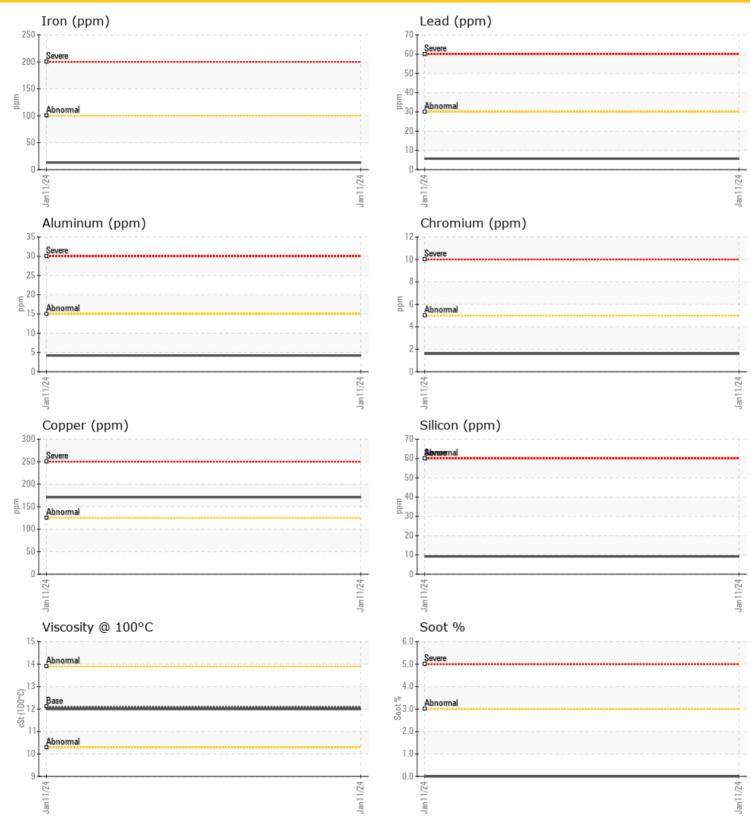
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CONSTRUCTION EQUIPMENT



GRAPHS

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