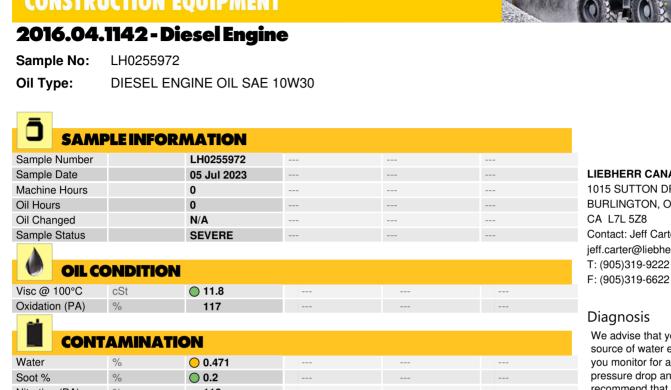
## **CONSTRUCTION EQUIPMENT**



CONTAMINATION					
Water	%	<b>0.471</b>			
Soot %	%	<b>0.2</b>			
Nitration (PA)	%	116			
Sulfation (PA)	%	87			
Glycol	%	<b>0.0</b>			
Fuel	%	<b>1.5</b>			
Silicon	ppm	<b>17</b>			
Sodium	ppm	<b>4</b>			
Potassium	ppm	<b>8</b>			

WEA	R METAL	S		
Iron	ppm	<b>59</b>	 	
Copper	ppm	<b>18</b>	 	
Lead	ppm	<b>34</b>	 	
Tin	ppm	<b>17</b>	 	
Aluminum	ppm	<b>9</b>	 	
Chromium	ppm	<b>2</b>	 	
Molybdenum	ppm	<b>20</b>	 	
Nickel	ppm	<b>0</b> <1	 	
Titanium	ppm	<b>29</b>	 	
Silver	ppm	<b>○</b> <1	 	
Manganese	ppm	<b>1</b>	 	
Vanadium	ppm	<1	 	

variaulum	ppiii	<u> </u>	 	
ADI	DITIVES			
Calcium	ppm	<b>1581</b>	 	
Magnesium	ppm	<b>999</b>	 	
Zinc	ppm	<b>1306</b>	 	
Phosphorus	ppm	<b>1128</b>	 	
Barium	ppm	<b>0</b>	 	
Boron	ppm	<b>72</b>	 	

### LIEBHERR CANADA LTD. - REMAN

1015 SUTTON DRIVE BURLINGTON, ON CA L7L 5Z8 Contact: Jeff Carter

jeff.carter@liebherr.com T: (905)319-9222

We advise that you check for the source of water entry. We advise that you monitor for an abnormal oil pressure drop and noise. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Tin ppm levels are severe. Lead ppm levels are abnormal. Bearing wear is indicated. Slide bearing wear is indicated. Light fuel dilution occurring. There is a moderate concentration of water present in the oil. Test for glycol is negative. No other contaminants were detected in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: REMAN Unique No: 5605248 Kevin Marson Signed: Report Date: 07 Jul 2023

Contact/Location: Jeff Carter - REMAN

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## **GRAPHS**

