LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR R945 055435-1866 - Diesel Engine

NEG

2

<1</p>

Sample No: LH0252141

Glycol

Silicon

Sodium

Potassium

Fuel

%

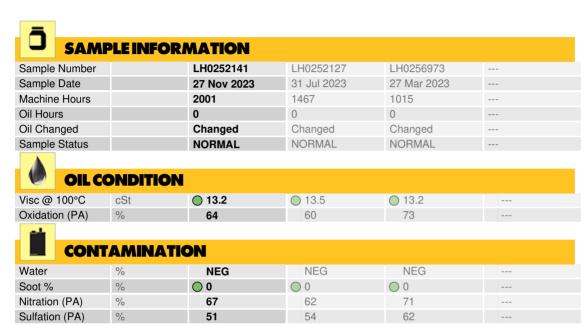
%

ppm

ppm

ppm

Oil Type: PETRO CANADA 10W40



WEAL	R METALS				
Iron	ppm	4	4	6	
Copper	ppm	2	O 2	5	
Lead	ppm	0 <1	O <1	O 2	
Tin	ppm	0	O <1	 <1	
Aluminum	ppm	1	1	O 2	
Chromium	ppm	0 <1	O <1	<1	
Molybdenum	ppm	58	57	58	
Nickel	ppm	0	O 0	O <1	
Titanium	ppm	0	O 0	 <1	
Silver	ppm	O <1	O 0	0 0	
Manganese	ppm	0	O <1	<1	
Vanadium	ppm	0	0	0	

NEG

<1.0

0 8

NEG

6

ADDITIVES								
Calcium	ppm	1046	O 1050	O 1163				
Magnesium	ppm	983	987	961				
Zinc	ppm	1188	O 1183	O 1155				
Phosphorus	ppm	1009	○ 1062	O 1053				
Barium	ppm	0 <1	<1 <1	O 2				
Boron	ppm	4	O 4	10				



CLOUTHIER VENTURES 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.

Depot:CLOPEMUnique No:5684897Signed:Kevin MarsonReport Date:30 Nov 2023

LIEBHERR







GRAPHS

