CONSTRUCTION EQUIPMENT

LIEBHERR LH40M 159572-1215 - Diesel Engine

LIEBHERR MOTOROIL 5W-30 LOW ASH

0 11.9

192

0 6.2

Sample No: LH0268000

Oil Type:

ample Information

Sample Number	LH0268000					
Sample Date	18 May 2024					
Machine Hours	194					
Oil Hours	194					
Oil Changed	Changed					
Sample Status	NORMAL					

Oil Condition Visc @ 100°C cSt Base Number (BN) mg KOH/g

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Vanadium

Oxidation (PA) %

ppm

ppm

Contamination							
Water	%	NEG					
Soot %	%	0.1					
Nitration (PA)	%	79					
Sulfation (PA)	%	106					
Glycol	%	NEG					
Fuel	%	<1.0					
Silicon	ppm	8 🔘					
Sodium	ppm	2					
Potassium	ppm	02					

(• ear Metals Iron ppm 6 Copper ppm 0 20 Lead 02 ppm Tin ○ <1 ppm Aluminum 3 ppm Chromium ppm ○ <1 Molybdenum 0 44 ppm Nickel 0 ppm Titanium ppm 0 Silver 0 ppm Manganese

Additives							
Calcium	ppm	0 1307					
Magnesium	ppm	0 882					
Zinc	ppm	873					
Phosphorus	ppm	0 756					
Barium	ppm	0					
Boron	ppm	0 145					



HEAVY MACHINES INC

825 31ST STREET NORTH **BIRMINGHAM. AL** US 35203 Contact: CHRIS MCANNALLY cmcannally@heavymachines.com T: F:

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Depot: HEABIRLH Unique No: 11044028 Signed: Don Baldridge **Report Date:** 23 May 2024

Report Id: HEABIRLH [WUSCAR] 06187276 (Generated: 05/23/2024 15:58:12) Rev: 1

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Contact/Location: CHRIS MCANNALLY - HEABIRLH



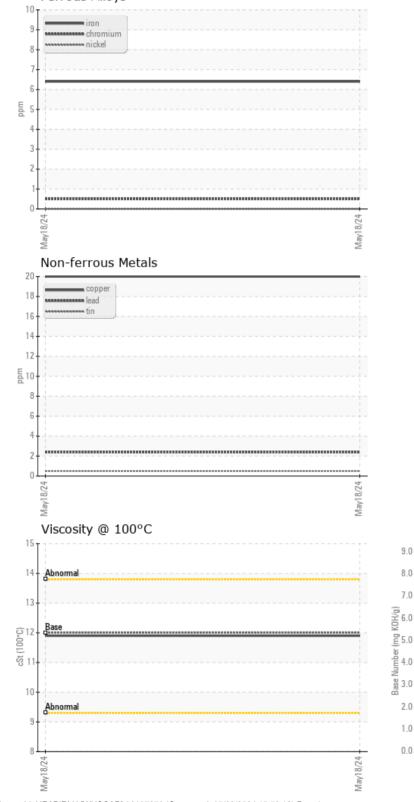


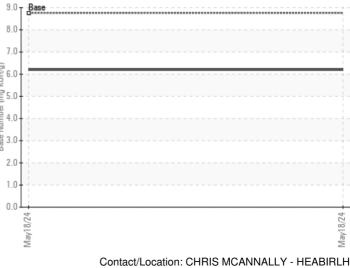


Ferrous Alloys

Graphs

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Base Number

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