

[(353864)] LIEBHERR L546 062410-1755 - Diesel Engine

Sample No: LH0260965

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number	LH0260965	LH0226859	LH0251288			
Sample Date	23 Jun 2023	14 Apr 2022	22 Nov 2021			
Machine Hours	2406	1028	2023			
Oil Hours	0	0	0			
Oil Changed	Changed	Changed	Changed			
Sample Status	NORMAL	NORMAL	NORMAL			

OILC	ONDIT	ION			
Visc @ 100°C	cSt	14.3	0 12.7	12.2	
Oxidation (PA)	%	72	90	92	
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Soot %	%	0.1	0	0.1	
Nitration (PA)	%	78	94	97	
Sulfation (PA)	%	58	69	65	
Glycol	%	0.0	NEG	NEG	
Fuel	%	<1.0	<1.0	<1.0	
Silicon	ppm	3	○ 5	6	
Sodium	ppm	07	6	6	
Potassium	ppm	0 12	0 2	01	

WEAR METALS

Iron	ppm	0 17	29	27	
Copper	ppm	01	◯ 43	0 4	
Lead	ppm	○ <1	02	◯ <1	
Tin	ppm	<mark></mark> <1	○ <1	○ <1	
Aluminum	ppm	01	01	2	
Chromium	ppm	<mark>()</mark> <1	○ <1	○ <1	
Molybdenum	ppm	0 46	○ 56	61	
Nickel	ppm	<mark></mark> <1	01	01	
Titanium	ppm	0 🔘	0	◯ <1	
Silver	ppm	0 (0	0	
Manganese	ppm	○ <1	○ <1	◯ <1	
Vanadium	ppm	0	0	0	

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ADDITIVES						
Calcium	ppm	0 1429	1228	0 1000		
Magnesium	ppm	0 762	943	0 1166		
Zinc	ppm	0 1227	0 1221	1328		
Phosphorus	ppm	O 1056	988	0 1148		
Barium	ppm	0	0	0		
Boron	ppm	0 24	◯ 34	27		





METAUX 139 INC.

86 RTE MARIE-VICTORIN PIERREVILLE, QC CA J0G 1J0 Contact: Service Manager

Т: 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 condition of the oil is acceptable for the time in service.

 Depot:
 MET126WIC

 Unique No:
 5604990

 Signed:
 Wes Davis

 Report Date:
 05 Jul 2023

Report Id: MET126WIC [WCAMIS] 02567944 (Generated: 07/07/2023 14:17:02) Rev: 1

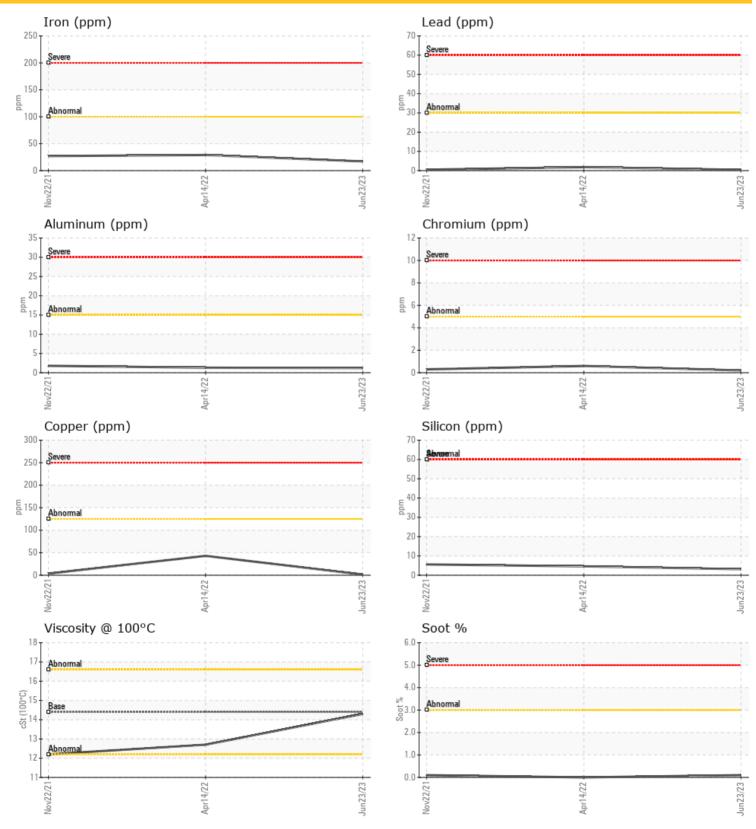
Submitted By: Eric Leblond





GRAPHS

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