

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR HS895 612827 - Diesel Engine

Sample No: LH0296511

Oil Type: {unknown}



Sample Information

Sample Number	LH0296511	---	---	---
Sample Date	10 Jul 2024	---	---	---
Machine Hours	21679	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

HIGGS & HIGGS
 RR # 4
 ST THOMAS, ON
 CA N5P 3S8
 Contact: Bernie Higgs



Oil Condition

Visc @ 100°C	cSt	14.4	---	---	---
Oxidation (PA)	%	70	---	---	---

T: (519)631-4095
 F: (519)631-2745



Contamination

Water	%	NEG	---	---	---
Soot %	%	0.4	---	---	---
Nitration (PA)	%	73	---	---	---
Sulfation (PA)	%	59	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	3	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	0	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.



Wear Metals

Iron	ppm	18	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	4	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	69	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	1191	---	---	---
Magnesium	ppm	1125	---	---	---
Zinc	ppm	1381	---	---	---
Phosphorus	ppm	1135	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	2	---	---	---

Depot: HIGSTT
 Unique No: 5812862
 Signed: Wes Davis
 Report Date: 11 Jul 2024



Graphs

