

LIEBHERR

CONSTRUCTION EQUIPMENT



NO UNIT 02605850 - Gasoline Engine

Sample No: LH0281541

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0281541	---	---	---
Sample Date	01 Jan 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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 1015 SUTTON DRIVE
 BURLINGTON, ON
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OIL CONDITION

Visc @ 100°C	cSt	8.2	---	---	---
Oxidation (PA)	%	41	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	48	---	---	---
Sulfation (PA)	%	48	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	3	---	---	---
Silicon	ppm	10	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. Light fuel dilution occurring. Fuel is present in the oil and is lowering the viscosity. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	3	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	66	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1037	---	---	---
Magnesium	ppm	445	---	---	---
Zinc	ppm	721	---	---	---
Phosphorus	ppm	628	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	16	---	---	---

Depot: LIEMIS
 Unique No: 5706936
 Signed: Wes Davis
 Report Date: 03 Jan 2024



GRAPHS

