

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 071885-1758 - Diesel Engine

Sample No: LH0291257

Oil Type: DIESEL ENGINE OIL SAE 40



Sample Information

Sample Number	LH0291257	LH0276157	LH0261535	---
Sample Date	06 May 2024	12 Oct 2023	11 Jun 2023	---
Machine Hours	1939	0	500	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

MONAGHAN MUSHROOMS LTD
 7345 GUELPH LINE
 CAMPBELLVILLE, ON
 CA L0P 1B0
 Contact: Steven Cargill
 s.cargill@monaghan-mushrooms.com
 T:
 F:



Oil Condition

Visc @ 100°C	cSt	11.9	13.2	11.9	---
Oxidation (PA)	%	69	78	202	---



Contamination

Water	%	NEG	NEG	NEG	---
Soot %	%	0	0	0	---
Nitration (PA)	%	67	58	88	---
Sulfation (PA)	%	54	60	110	---
Glycol	%	NEG	NEG	NEG	---
Fuel	%	0.6	<1.0	1.5	---
Silicon	ppm	4	8	13	---
Sodium	ppm	3	2	2	---
Potassium	ppm	0	<1	2	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Fuel content negligible. 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	4	5	11	---
Copper	ppm	2	5	14	---
Lead	ppm	0	1	2	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	1	1	2	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	59	56	45	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	<1	0	---
Manganese	ppm	0	<1	3	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	888	1080	1430	---
Magnesium	ppm	1086	951	923	---
Zinc	ppm	1188	1128	862	---
Phosphorus	ppm	1003	943	819	---
Barium	ppm	<1	3	21	---
Boron	ppm	36	12	109	---

Depot: MONCAM
 Unique No: 5774921
 Signed: Wes Davis
 Report Date: 08 May 2024



Graphs

