

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 053602-1484 - Diesel Engine

Sample No: LH0278951

Oil Type: PETRO CANADA 10W40



Information sur l'échantillon

Numéro d'échant.	LH0278951	LH0281542	LH0215735	---
Date d'échant.	16 Jul 2024	11 Jan 2024	13 Oct 2023	---
Heures de la Machine	8759	7741	7226	---
Heures de l'huile	0	0	0	---
Huile changée	Not Changed	Changed	Changed	---
Statut de l'échant.	SEVERE	NORMAL	NORMAL	---

THOMAS CAVANAGH CONSTRUCTION LTD
RR # 2, 9094 CAVANAGH ROAD
ASHTON, ON
CA K0A 1B0
Contact: Keith



État d'huile

Visc 100°C	cSt	12.8	13.6	12.6	---
Oxydation (PA)	%	65	55	56	---

T: (613)257-4995
F: (613)253-0071



Contamination

Eau	%	NEG	NEG	NEG	---
% de suie	%	0	0	0	---
Nitration (PA)	%	66	49	50	---
Sulfatation (PA)	%	52	50	51	---
Glycol	%	0.0	NEG	NEG	---
Essence	%	<1.0	<1.0	<1.0	---
Silicium	ppm	5	5	5	---
Sodium	ppm	1	<1	2	---
Potassium	ppm	<1	0	<1	---

Diagnostic

We advise that you monitor for an abnormal oil pressure drop and noise. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Copper ppm levels are severe. Lead ppm levels are noted. A sharp increase in the copper level is noted. Bearing wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



Métaux d'usure

Fer	ppm	7	2	2	---
Cuivre	ppm	445	<1	<1	---
Plomb	ppm	13	<1	<1	---
Étain	ppm	0	<1	0	---
Aluminium	ppm	1	1	<1	---
Chrome	ppm	<1	0	0	---
Molybdène	ppm	60	57	59	---
Nickel	ppm	0	0	0	---
Titane	ppm	<1	0	0	---
Argent	ppm	<1	0	<1	---
Manganèse	ppm	<1	0	0	---
Vanadium	ppm	0	0	0	---



Additifs

Calcium	ppm	1049	1062	1043	---
Magnésium	ppm	961	968	968	---
Zinc	ppm	1184	1165	1177	---
Phosphore	ppm	1004	1003	1004	---
Baryum	ppm	<1	0	<1	---
Bore	ppm	<1	1	1	---

Depot: CAVASH
Unique No: 5813929
Signed: Kevin Marson
Report Date: 18 Jul 2024



Graphs

