

LIEBHERR

CONSTRUCTION EQUIPMENT



[(347725)] LIEBHERR T60-9 022086-1709 - Diesel Engine

Sample No: LH0270169

Oil Type: DIESEL ENGINE OIL SAE 30



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270169	LH0270430	LH0251362	---
Date d'échant.	01 Apr 2024	14 Sep 2023	11 Jan 2023	---
Heures de la Machine	2528	2083	1528	---
Heures de l'huile	0	0	0	---
Huile changée	N/A	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---

A.M.I ATTACHMENTS INC.
1270 GEDDES STREET
HAWKESVILLE, ON
CA N0B 1X0
Contact: Service Manager



ÉTAT D'HUILE

Visc 100°C	cSt	13.6	11.8	12.0	---
Oxydation (PA)	%	60	72	67	---

T:
F:



CONTAMINATION

Eau	%	NEG	NEG	NEG	---
% de suie	%	0.1	0.2	0.2	---
Nitration (PA)	%	68	82	86	---
Sulfatation (PA)	%	51	57	58	---
Glycol	%	NEG	NEG	0.0	---
Essence	%	<1.0	<1.0	0.9	---
Silicium	ppm	3	6	10	---
Sodium	ppm	2	4	5	---
Potassium	ppm	10	10	7	---

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 40 range, advise investigate. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	15	23	40	---
Cuivre	ppm	4	5	7	---
Plomb	ppm	0	<1	<1	---
Étain	ppm	<1	2	4	---
Aluminium	ppm	17	18	18	---
Chrome	ppm	1	2	3	---
Molybdène	ppm	57	59	45	---
Nickel	ppm	<1	<1	<1	---
Titane	ppm	0	0	<1	---
Argent	ppm	0	0	0	---
Manganèse	ppm	0	<1	2	---
Vanadium	ppm	0	0	0	---



ADDITIFS

Calcium	ppm	1021	942	1548	---
Magnésium	ppm	968	1074	898	---
Zinc	ppm	1157	1178	1201	---
Phosphore	ppm	958	1046	1052	---
Baryum	ppm	0	0	0	---
Bore	ppm	8	29	51	---

Depot: AMIHAW
Unique No: 5759175
Signed: Kevin Marson
Report Date: 02 Apr 2024



GRAPHS

