

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R934 056484-1550 - Diesel Engine

Sample No: LH0296389

Oil Type: {unknown}



PAUL GREER & SONS EXCAVATING LTD.
56 CLEMINSON ST.
WELLINGTON, ON
CA K0K 3L0
Contact: Service Manager



Information sur l'échantillon

Numéro d'échant.	LH0296389	LH0289717	---	---
Date d'échant.	07 Jul 2024	21 Apr 2024	---	---
Heures de la Machine	1421	1004	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	NORMAL	NORMAL	---	---



État d'huile

Visc 100°C	cSt	12.9	11.6	---	---
Oxydation (PA)	%	69	92	---	---



Contamination

Eau	%	NEG	NEG	---	---
% de suie	%	0	0	---	---
Nitration (PA)	%	68	80	---	---
Sulfatation (PA)	%	53	62	---	---
Glycol	%	NEG	NEG	---	---
Essence	%	<1.0	0.3	---	---
Silicium	ppm	17	12	---	---
Sodium	ppm	2	4	---	---
Potassium	ppm	14	19	---	---



Métaux d'usure

Fer	ppm	5	8	---	---
Cuivre	ppm	10	37	---	---
Plomb	ppm	<1	1	---	---
Étain	ppm	<1	<1	---	---
Aluminium	ppm	6	8	---	---
Chrome	ppm	<1	<1	---	---
Molybdène	ppm	57	59	---	---
Nickel	ppm	0	<1	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



Additifs

Calcium	ppm	986	872	---	---
Magnésium	ppm	970	1083	---	---
Zinc	ppm	1203	1161	---	---
Phosphore	ppm	958	944	---	---
Baryum	ppm	<1	3	---	---
Bore	ppm	7	29	---	---

T:
F:

Diagnostic

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. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: GREWEL
Unique No: 5811720
Signed: Wes Davis
Report Date: 08 Jul 2024



Graphs

