

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L546 071748-1755 - Diesel Engine

Sample No: LH0259425

Oil Type: DIESEL ENGINE OIL SAE 40



SAMPLE INFORMATION

Sample Number	LH0259425	LH0259422	---	---
Sample Date	24 Jan 2024	03 Oct 2023	---	---
Machine Hours	1400	881	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Recyclage de Metaux Integre Inc. - RMI Inc.
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OIL CONDITION

Visc @ 100°C	cSt	13.6	13.2	---	---
Oxidation (PA)	%	73	86	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0.1	0.1	---	---
Nitration (PA)	%	74	76	---	---
Sulfation (PA)	%	64	67	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	3	4	---	---
Sodium	ppm	3	5	---	---
Potassium	ppm	7	6	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	20	27	---	---
Copper	ppm	5	59	---	---
Lead	ppm	<1	2	---	---
Tin	ppm	<1	1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	3	17	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	2219	2119	---	---
Magnesium	ppm	31	73	---	---
Zinc	ppm	1144	1136	---	---
Phosphorus	ppm	980	885	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	103	79	---	---

Depot: REC470SAI
 Unique No: 5724010
 Signed: Wes Davis
 Report Date: 12 Feb 2024



GRAPHS

