

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R920 049306-1705 - Diesel Engine

Sample No: LH0279588

Oil Type: DIESEL ENGINE OIL SAE 40



MINI EXCAVATION PATRICE BENARD
 27 DES EPERVIERS
 ST-JEAN-SUR-RICHELIEU, QC
 CA J2W 2S3
 Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0279588	---	---	---
Sample Date	02 Nov 2023	---	---	---
Machine Hours	566	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	13.3	---	---	---
Oxidation (PA)	%	62	---	---	---



CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	57	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	15	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	0	---	---	---



WEAR METALS

Iron	ppm	17	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	60	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1137	---	---	---
Magnesium	ppm	915	---	---	---
Zinc	ppm	1174	---	---	---
Phosphorus	ppm	967	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	11	---	---	---

T:
F:

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indique que ce fluide est du (GENERIC) DIESEL ENGINE OIL SAE 40. Veuillez confirmer. Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: MINSTJ
 Unique No: 5671190
 Signed: Wes Davis
 Report Date: 06 Nov 2023



GRAPHS

