

LIEBHERR

CONSTRUCTION EQUIPMENT



[(39749)] 068411-1203 - Diesel Engine

Sample No: LH0221490

Oil Type: DIESEL ENGINE OIL SAE 30



SAMPLE INFORMATION

Sample Number	LH0221490	---	---	---
Sample Date	19 Jan 2022	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

American Iron and Metal

2291 Avenue Larivieres

Rouyn-Noranda, QC

CA J9Y 0G7

Contact: Service Manager



OIL CONDITION

Visc @ 100°C	cSt	11.2	---	---	---
Oxidation (PA)	%	45	---	---	---

T:

F:



CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	48	---	---	---
Sulfation (PA)	%	43	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.5	---	---	---
Silicon	ppm	9	---	---	---
Sodium	ppm	15	---	---	---
Potassium	ppm	3	---	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Aucune autre mesure corrective n'est recommandée pour l'instant. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqués que ce fluide est du (GENERIC) DIESEL ENGINE OIL SAE 30. Veuillez confirmer. Les taux d'usure de tous les composants sont normaux. La teneur en carburant est négligeable. 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	17	---	---	---
Copper	ppm	9	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	5	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	48	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1464	---	---	---
Magnesium	ppm	948	---	---	---
Zinc	ppm	1231	---	---	---
Phosphorus	ppm	1070	---	---	---
Barium	ppm	19	---	---	---
Boron	ppm	91	---	---	---

Depot: AIMROU

Unique No: 5347315

Signed: Wes Davis

Report Date: 08 Feb 2022



GRAPHS

