

LIEBHERR

CONSTRUCTION EQUIPMENT



[(369352)] 137 240-1215 - Diesel Engine

Sample No: LH0239419

Oil Type: DIESEL ENGINE OIL SAE 40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0239419	LH0251391	LH0239267	---
Date d'échant.	12 Jul 2023	25 Jan 2023	12 Aug 2022	---
Heures de la Machine	1548	1012	536	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---

American Iron and Metal
4350 HARVESTER ROAD
BURLINGTON, ON
CA L7L 5S4
Contact: Service Manager



ÉTAT D'HUILE

Visc 100°C	cSt	13.0	13.1	11.8	---
Oxydation (PA)	%	69	87	223	---

T:
F:



CONTAMINATION

% de suie	%	0	0	0	---
Nitration (PA)	%	71	75	108	---
Sulfatation (PA)	%	55	65	117	---
Glycol	%	NEG	NEG	NEG	---
Essence	%	<1.0	<1.0	1.2	---
Silicium	ppm	6	7	9	---
Sodium	ppm	2	2	3	---
Potassium	ppm	<1	<1	3	---

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. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	4	5	10	---
Cuivre	ppm	6	41	214	---
Plomb	ppm	2	2	8	---
Étain	ppm	<1	<1	<1	---
Aluminium	ppm	1	2	3	---
Chrome	ppm	<1	<1	<1	---
Molybdène	ppm	58	56	45	---
Nickel	ppm	0	0	<1	---
Titane	ppm	0	<1	<1	---
Argent	ppm	0	0	0	---
Manganèse	ppm	<1	<1	1	---
Vanadium	ppm	0	0	0	---



ADDITIFS

Calcium	ppm	1044	1111	1342	---
Magnésium	ppm	977	953	910	---
Zinc	ppm	1197	1138	799	---
Phosphore	ppm	1053	995	642	---
Baryum	ppm	<1	3	25	---
Bore	ppm	4	6	71	---

Depot: AIMBUR
Unique No: 5606684
Signed: Wes Davis
Report Date: 13 Jul 2023



GRAPHS

