

LIEBHERR

CONSTRUCTION EQUIPMENT



026164-791 - Diesel Engine

Sample No: LH0278414

Oil Type: PETRO CANADA 10W30



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0278414	LH0070457	LH0053429	---
Date d'échant.	05 Feb 2024	18 Apr 2013	10 Aug 2011	---
Heures de la Machine	10940	1981	4736	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---

American Iron and Metal
 PIER 10, 1 PROTECTION ST
 SAINT JOHN, NB
 CA E2M 5S8
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ÉTAT D'HUILE

Visc 100°C	cSt	11.1	16.6	12.6	---
Oxydation (PA)	%	56	75	46	---



CONTAMINATION

Eau	%	NEG	NEG	NEG	---
% de suie	%	1.1	2.6	1.5	---
Nitration (PA)	%	73	84	80	---
Sulfatation (PA)	%	56	76	66	---
Glycol	%	NEG	NEG	NEG	---
Essence	%	<1.0	<1.0	<1.0	---
Silicium	ppm	19	4	6	---
Sodium	ppm	2	1	3	---
Potassium	ppm	1	7	4	---

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	12	40	36	---
Cuivre	ppm	<1	4	13	---
Plomb	ppm	<1	1	3	---
Étain	ppm	0	<1	2	---
Aluminium	ppm	3	2	2	---
Chrome	ppm	<1	<1	1	---
Molybdène	ppm	74	<1	2	---
Nickel	ppm	<1	<1	<1	---
Titane	ppm	0	0	<1	---
Argent	ppm	0	0	0	---
Manganèse	ppm	0	<1	2	---
Vanadium	ppm	0	0	0	---



ADDITIFS

Calcium	ppm	1719	2445	3441	---
Magnésium	ppm	455	13	94	---
Zinc	ppm	1182	1300	1192	---
Phosphore	ppm	1039	990	937	---
Baryum	ppm	0	<1	18	---
Bore	ppm	22	15	143	---

Depot: AME10STJ
Unique No: 5724703
Signed: Wes Davis
Report Date: 14 Feb 2024



GRAPHS

