

LIEBHERR

CONSTRUCTION EQUIPMENT



[(365442)] 136520-1215 - Diesel Engine

Sample No: LH0277535

Oil Type: PETRO CANADA 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0277535	LH0274671	LH0261314	LH0224570
Date d'échant.	07 Dec 2023	10 Aug 2023	03 May 2023	14 Nov 2022
Heures de la Machine	2601	2050	1598	4575
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal
706 Lorne Avenue E
Stratford, ON
CA N5A 6S5
Contact: Service Manager



ÉTAT D'HUILE

Visc 100°C	cSt	13.1	13.6	12.7	11.6
Oxydation (PA)	%	67	61	70	96

T:
F:



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	73	63	72	83
Sulfatation (PA)	%	53	54	56	66
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	6	7	7
Sodium	ppm	2	2	2	8
Potassium	ppm	0	<1	0	6

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	3	3	4	5
Cuivre	ppm	4	6	52	270
Plomb	ppm	1	<1	2	7
Étain	ppm	<1	<1	<1	<1
Aluminium	ppm	<1	1	1	2
Chrome	ppm	0	<1	0	<1
Molybdène	ppm	60	58	59	55
Nickel	ppm	<1	0	0	0
Titane	ppm	0	0	<1	<1
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1060	1037	1077	897
Magnésium	ppm	979	983	962	1078
Zinc	ppm	1215	1218	1151	1162
Phosphore	ppm	991	1077	1009	1023
Baryum	ppm	<1	<1	<1	3
Bore	ppm	1	1	3	32

Depot: AIMSTR
Unique No: 5694880
Signed: Kevin Marson
Report Date: 08 Dec 2023



GRAPHS

