

LIEBHERR

CONSTRUCTION EQUIPMENT



[(365442)] 136520-1215 - Diesel Engine

Sample No: LH0274671

Oil Type: PETRO CANADA 10W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274671	LH0261314	LH0224570	LH0230825
Date d'échant.	10 Aug 2023	03 May 2023	14 Nov 2022	08 Jun 2022
Heures de la Machine	2050	1598	4575	522
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	13.6	12.7	11.6	11.8
Oxydation (PA)	%	61	70	96	211

T:
F:



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	63	72	83	103
Sulfatation (PA)	%	54	56	66	117
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	1
Silicium	ppm	6	7	7	9
Sodium	ppm	2	2	8	2
Potassium	ppm	<1	0	6	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	3	4	5	9
Cuivre	ppm	6	52	270	158
Plomb	ppm	<1	2	7	7
Étain	ppm	<1	<1	<1	1
Aluminium	ppm	1	1	2	2
Chrome	ppm	<1	0	<1	1
Molybdène	ppm	58	59	55	45
Nickel	ppm	0	0	0	<1
Titane	ppm	0	<1	<1	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1037	1077	897	1303
Magnésium	ppm	983	962	1078	931
Zinc	ppm	1218	1151	1162	828
Phosphore	ppm	1077	1009	1023	703
Baryum	ppm	<1	<1	3	24
Bore	ppm	1	3	32	90

Depot: AIMSTR
Unique No: 5620617
Signed: Wes Davis
Report Date: 14 Aug 2023



GRAPHS

