

LIEBHERR

CONSTRUCTION EQUIPMENT



[(371127)] 137 622-1216 - Diesel Engine

Sample No: LH0281297

Oil Type: PETRO CANADA SUPREME 5W30



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0281297	LH0265676	LH0250753	LH0213922
Date d'échant.	07 Mar 2024	03 Aug 2023	09 Mar 2023	23 Jan 2023
Heures de la Machine	4054	2910	2000	1580
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	N/A
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal
100 INDUSTRIAL ROAD
NORTH BAY, ON
CA P1B 8K3
Contact: Service Manager



ÉTAT D'HUILE

Visc 100°C	cSt	11.9	11.6	11.8	11.8
Oxydation (PA)	%	88	92	83	92

T:
F:



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	87	91	84	86
Sulfatation (PA)	%	60	63	63	65
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	8	6	7	6
Sodium	ppm	4	5	4	4
Potassium	ppm	<1	<1	0	<1

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	6	4	5
Cuivre	ppm	2	4	5	25
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	2	1	2	2
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	57	62	60	56
Nickel	ppm	<1	0	<1	<1
Titane	ppm	0	0	<1	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	833	820	877	903
Magnésium	ppm	1093	1134	1117	1113
Zinc	ppm	1182	1215	1250	1215
Phosphore	ppm	1030	1061	1119	1074
Baryum	ppm	0	<1	<1	3
Bore	ppm	32	21	39	34

Depot: AIMNOR
Unique No: 5747774
Signed: Wes Davis
Report Date: 18 Mar 2024



GRAPHS

