

LIEBHERR

CONSTRUCTION EQUIPMENT



114200-1217 - Diesel Engine

Sample No: LH0290951

Oil Type: SAE 5W30



Information sur l'échantillon

Número d'échant.	LH0290951	LH0242282	LH0203023	LH0230721
Date d'échant.	14 May 2024	13 Oct 2022	28 Jun 2022	06 Jun 2022
Heures de la Machine	5300	3197	2854	2701
Heures de l'huile	0	0	0	0
Huile changée	N/A	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	ABNORMAL	NORMAL

American Iron and Metal
4250 NORTH SERVICE ROAD
WINDSOR, ON
CA N8W 5X2
Contact: Service Manager



État d'huile

Visc 100°C	cSt	12.7	13.0	11.6	11.4
Oxydation (PA)	%	74	68	72	96

T:
F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	83	75	73	98
Sulfatation (PA)	%	57	54	60	69
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	1.3	<1.0
Silicium	ppm	5	7	6	8
Sodium	ppm	1	2	4	4
Potassium	ppm	<1	<1	<1	2

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	4	3	6
Cuivre	ppm	1	2	<1	2
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	0	<1	<1
Aluminium	ppm	1	1	1	1
Chrome	ppm	0	0	0	<1
Molybdène	ppm	58	58	56	58
Nickel	ppm	0	0	0	<1
Titane	ppm	0	<1	<1	0
Argent	ppm	0	0	<1	<1
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	1083	1102	850	829
Magnésium	ppm	848	990	1120	1164
Zinc	ppm	1143	1207	1231	1235
Phosphore	ppm	977	1102	1016	1088
Baryum	ppm	0	0	0	0
Bore	ppm	2	4	34	27

Depot: AIMWIN
Unique No: 5785094
Signed: Wes Davis
Report Date: 16 May 2024



Graphs

