

LIEBHERR

CONSTRUCTION EQUIPMENT



[(369352)] 137 240-1215 - Diesel Engine

Sample No: LH0286890

Oil Type: DIESEL ENGINE OIL SAE 40



Information sur l'échantillon

Número d'échant.	LH0286890	LH0239419	LH0251391	LH0239267
Date d'échant.	07 Jul 2024	12 Jul 2023	25 Jan 2023	12 Aug 2022
Heures de la Machine	2999	1548	1012	536
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal
4350 HARVESTER ROAD
BURLINGTON, ON
CA L7L 5S4
Contact: Service Manager



État d'huile

Visc 100°C	cSt	11.7	13.0	13.1	11.8
Oxydation (PA)	%	72	69	87	223

T:
F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	73	71	75	108
Sulfatation (PA)	%	53	55	65	117
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	0.7	<1.0	<1.0	1.2
Silicium	ppm	5	6	7	9
Sodium	ppm	3	2	2	3
Potassium	ppm	0	<1	<1	3

Diagnostic

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.



Métaux d'usure

Fer	ppm	2	4	5	10
Cuivre	ppm	1	6	41	214
Plomb	ppm	0	2	2	8
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	<1	1	2	3
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	56	58	56	45
Nickel	ppm	<1	0	0	<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	809	1044	1111	1342
Magnésium	ppm	1042	977	953	910
Zinc	ppm	1169	1197	1138	799
Phosphore	ppm	957	1053	995	642
Baryum	ppm	0	<1	3	25
Bore	ppm	30	4	6	71

Depot: AIMBUR
Unique No: 5811641
Signed: Kevin Marson
Report Date: 09 Jul 2024



Graphs

