

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R936 047708-1780 - Diesel Engine

Sample No: LH0290733

Oil Type: PETRO CANADA DURON UHP 10W40



EQUIPMENT ST-ARNEAULT
 350 RANG SUD
 STE-GENEVIEVE-DE-BATISCAN, QC
 CA G0X 1A0
 Contact: Service Manager



Information sur l'échantillon

Numéro d'échant.	LH0290733	LH0239079	LH0227111	LH
Date d'échant.	28 Jun 2024	02 Sep 2022	13 Apr 2022	03 Aug 2021
Heures de la Machine	4148	3079	0	1972
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



État d'huile

Visc 100°C	cSt	12.1	12.1	12.4	12.3
Oxydation (PA)	%	69	67	86	67



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	79	75	80	75
Sulfatation (PA)	%	60	59	65	58
Glycol	%	NEG	NEG	0.0	NEG
Essence	%	<1.0	1.7	<1.0	<1.0
Silicium	ppm	8	8	6	8
Sodium	ppm	3	3	6	3
Potassium	ppm	2	3	8	3



Métaux d'usure

Fer	ppm	6	4	6	5
Cuivre	ppm	6	7	37	16
Plomb	ppm	0	<1	2	<1
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	1	1	1	1
Chrome	ppm	0	0	<1	<1
Molybdène	ppm	4	<1	<1	1
Nickel	ppm	<1	0	<1	<1
Titane	ppm	1	<1	<1	<1
Argent	ppm	<1	0	<1	<1
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	1269	1312	2002	1382
Magnésium	ppm	709	565	154	640
Zinc	ppm	1135	1022	1224	1165
Phosphore	ppm	949	985	1021	1039
Baryum	ppm	<1	0	<1	<1
Bore	ppm	41	48	28	48

T:
F:

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.

Depot: EQUSTE
 Unique No: 5803283
 Signed: Wes Davis
 Report Date: 05 Jul 2024



Graphs

