

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 090215-1253 - Diesel Engine

Sample No: LH0279122

Oil Type: PETRO CANADA DURON UHP 5W30



VEOLIA-SERVICES A L'ENVIRONNEMENT
 2630, BLVD INDUSTRIEL
 CHAMBLY, QC
 CA J3L 4V2
 Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0279122	LH	LH0260866	LH0251171
Sample Date	02 Feb 2024	20 Sep 2023	12 May 2023	03 Mar 2023
Machine Hours	13512	12906	12427	12162
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL



OIL CONDITION

Visc @ 100°C	cSt	13.0	12.9	11.6	11.5
Oxidation (PA)	%	63	63	70	79



CONTAMINATION

Water	%	NEG	NEG	0.056	NEG
Soot %	%	0	0	0	0
Nitration (PA)	%	71	72	68	85
Sulfation (PA)	%	52	53	55	63
Glycol	%	NEG	NEG	0.0	NEG
Fuel	%	<1.0	<1.0	1.4	1.8
Silicon	ppm	5	7	7	7
Sodium	ppm	1	2	4	4
Potassium	ppm	<1	0	0	<1



WEAR METALS

Iron	ppm	2	3	2	3
Copper	ppm	1	2	<1	1
Lead	ppm	<1	1	0	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	1	<1	1	2
Chromium	ppm	0	0	0	0
Molybdenum	ppm	57	58	59	58
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1034	1074	843	890
Magnesium	ppm	937	968	1107	1075
Zinc	ppm	1149	1210	1179	1221
Phosphorus	ppm	994	1030	1098	1081
Barium	ppm	0	<1	0	0
Boron	ppm	1	4	48	26

T:
F:

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: VEO263CHA
 Unique No: 5723081
 Signed: Wes Davis
 Report Date: 07 Feb 2024



GRAPHS

