

LIEBHERR

CONSTRUCTION EQUIPMENT



[(350505)] LIEBHERR L566 063481-1758 - Diesel Engine

Sample No: LH0202339
 Oil Type: DIESEL ENGINE OIL SAE 15W40



SAMPLE INFORMATION

Sample Number	LH0202339	LH0202312	LH0202303	LH0202299
Sample Date	09 Jan 2024	28 Jul 2022	13 Jan 2022	13 Aug 2021
Machine Hours	3646	1640	0	478
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

PAVAGES MASKA INC.
 3450 BOULEVARD CHOQUETTE
 SAINT-HYACINTHE, QC
 CA J2S 8V9
 Contact: Guillaume St-Onge
 gstonge@pavagemaska.qc.ca
 T:
 F:



OIL CONDITION

Visc @ 100°C	cSt	12.9	12.2	13.2	12.1
Oxidation (PA)	%	64	55	79	197



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0	0	0	0
Nitration (PA)	%	55	52	58	88
Sulfation (PA)	%	57	51	63	109
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	0.5
Silicon	ppm	5	7	11	14
Sodium	ppm	1	2	2	2
Potassium	ppm	<1	<1	<1	3

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.



WEAR METALS

Iron	ppm	3	4	6	11
Copper	ppm	2	4	13	68
Lead	ppm	<1	<1	<1	4
Tin	ppm	<1	<1	<1	1
Aluminum	ppm	1	1	2	2
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	51	50	56	47
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1157	1302	1094	1352
Magnesium	ppm	842	846	990	966
Zinc	ppm	1141	1194	1161	912
Phosphorus	ppm	946	976	999	832
Barium	ppm	0	<1	3	17
Boron	ppm	<1	2	10	88

Depot: PAVSAI
Unique No: 5708871
Signed: Wes Davis
Report Date: 10 Jan 2024



GRAPHS

