

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH80M 122402-1218 - Splitter Box

Sample No: LH0279321

Oil Type: CHEVRON DELO SYNTHETIC GEAR 75W90



ARCELORMITTAL LONG PRODUITS CANADA  
3185 ROUTE MARIE-VICTORIN  
CONTRECOEUR, QC  
CA J0L 1C0  
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T:  
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#### SAMPLE INFORMATION

Sample Number	LH0279321	LH0279418	LH0274207	LH0242937
Sample Date	12 Jan 2024	23 Dec 2023	21 Oct 2023	19 Aug 2023
Machine Hours	16208	9463	8989	8585
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	99.6	70.1	75.2	80.8
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	18	4	3
Sodium	ppm	1	1	1	<1
Potassium	ppm	2	19	<1	<1



#### WEAR METALS

Iron	ppm	74	54	32	31
Copper	ppm	<1	2	1	1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	3	10	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	191	807	641	490
Magnesium	ppm	5	10	8	7
Zinc	ppm	89	426	363	303
Phosphorus	ppm	1320	1125	1201	1306
Barium	ppm	0	0	<1	0
Boron	ppm	232	109	139	165

#### 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: MITCON  
Unique No: 5710172  
Signed: Wes Davis  
Report Date: 16 Jan 2024

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### GRAPHS

