

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH80M 120282-1218 - Front Differential

Sample No: LH0279396

Oil Type: CHEVRON DELO SYNTHETIC GEAR 75W90



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

Sample Number	LH0279396	LH0280268	LH0270038	LH0261214
Sample Date	12 Jan 2024	02 Dec 2023	27 Sep 2023	01 Jul 2023
Machine Hours	12934	12550	11869	11397
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	105	105	104	104



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	11	3
Sodium	ppm	0	<1	16	<1
Potassium	ppm	<1	0	2	<1



WEAR METALS

PQ		---	---	8	---
Iron	ppm	3	3	226	3
Copper	ppm	<1	1	6	<1
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	3	1
Chromium	ppm	0	0	2	0
Molybdenum	ppm	0	0	2	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	0
Manganese	ppm	0	0	4	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3	3	27	3
Magnesium	ppm	<1	0	7	<1
Zinc	ppm	5	6	32	6
Phosphorus	ppm	1371	1403	1403	1500
Barium	ppm	0	<1	1	0
Boron	ppm	267	293	111	289

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: 5710183
Signed: Wes Davis
Report Date: 16 Jan 2024



GRAPHS

