

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR A924C064062-1049 - Transmission (Manual)

Sample No: LH0261036

Oil Type: PETRO CANADA 10W40



**MARCEL DUVAL FER ET METAUX INC.**  
 661 RANG STE-MARIE  
 ST. SEBASTIEN, QC  
 CA J0J 2C0  
 Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	LH0261036	LH	LH0177713	LH
Sample Date	14 Jun 2023	06 Aug 2021	08 Jan 2021	24 Jul 2020
Machine Hours	13298	11114	10412	0
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	64.8	73.6	80.8	71.7
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#### CONTAMINATION

Silicon	ppm	4	4	5	2
Sodium	ppm	3	2	3	<1
Potassium	ppm	0	<1	<1	1



#### WEAR METALS

Iron	ppm	27	17	16	8
Copper	ppm	17	23	18	25
Lead	ppm	<1	<1	<1	<1
Tin	ppm	1	2	1	<1
Aluminum	ppm	1	<1	1	<1
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	60	58	55	53
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	4	5	5	2
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	1122	1182	1137	1222
Magnesium	ppm	999	945	922	908
Zinc	ppm	1237	1279	1264	1271
Phosphorus	ppm	1167	1195	1045	1139
Barium	ppm	0	<1	<1	0
Boron	ppm	3	4	2	3

T:  
F:

#### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: MARSTS  
 Unique No: 5604383  
 Signed: Kevin Marson  
 Report Date: 29 Jun 2023

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### GRAPHS

