

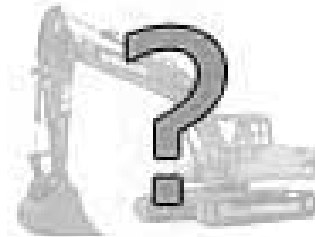


# CONSTRUCTION EQUIPMENT

## SWO-072944 EPIROC TMG2 ISEDO 165 - REAR LEFT FINAL DRIVE



**Sample No:** VCP451363  
**Oil Type:** MOBIL MOBILGEAR SHC 220  
**Job No:** SWO-072944



### SAMPLE INFORMATION

Sample Number	<b>VCP451363</b>	VCP453708	VCP438686	VCP444477
Sample Date	<b>19 Jun 2024</b>	01 May 2024	28 Mar 2024	13 Feb 2024
Machine Hours	<b>5887</b>	5608	5235	4946
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>221</b>	221	216	217
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>64</b>	61	▲ 113	69
Sodium	ppm	<b>&lt;1</b>	0	<1	0
Potassium	ppm	<b>2</b>	2	4	1

### Diagnosis

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

### WEAR METALS

Iron	ppm	<b>168</b>	138	345	177
Copper	ppm	<b>10</b>	7	20	12
Lead	ppm	<b>11</b>	12	23	15
Tin	ppm	<b>0</b>	0	1	0
Aluminum	ppm	<b>7</b>	6	● 16	10
Chromium	ppm	<b>2</b>	2	4	2
Molybdenum	ppm	<b>0</b>	0	0	0
Nickel	ppm	<b>0</b>	<1	<1	<1
Titanium	ppm	<b>&lt;1</b>	<1	1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	1	3	2
Vanadium	ppm	<b>0</b>	0	0	0

### ADDITIVES

Calcium	ppm	<b>116</b>	113	223	123
Magnesium	ppm	<b>3</b>	3	2	2
Zinc	ppm	<b>7</b>	21	5	12
Phosphorus	ppm	<b>406</b>	508	437	362
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>1</b>	2	2	2

**Depot:** SAIBIR  
**Unique No:** 11099794  
**Signed:** Angela Borella  
**Report Date:** 28 Jun 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

