



# CONSTRUCTION EQUIPMENT

## SWO-071558 EPIROC TMG2 ISEDO 165 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP453643  
**Oil Type:** MOBIL MOBILGEAR SHC 220  
**Job No:** SWO-071558



### SAMPLE INFORMATION

Sample Number	<b>VCP453643</b>	VCP438690	VCP431065	VCP441705
Sample Date	<b>01 May 2024</b>	28 Mar 2024	13 Feb 2024	04 Jan 2024
Machine Hours	<b>5608</b>	5235	4946	4682
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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### OIL CONDITION

Visc @ 40°C	cSt	<b>224</b>	220	221	212
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>36</b>	60	48	40
Sodium	ppm	<b>0</b>	<1	<1	0
Potassium	ppm	<b>&lt;1</b>	1	0	2

### 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>71</b>	218	164	333
Copper	ppm	<b>2</b>	8	5	15
Lead	ppm	<b>7</b>	13	9	23
Tin	ppm	<b>0</b>	<1	0	<1
Aluminum	ppm	<b>2</b>	7	5	2
Chromium	ppm	<b>&lt;1</b>	2	2	3
Molybdenum	ppm	<b>0</b>	0	0	<1
Nickel	ppm	<b>0</b>	<1	<1	2
Titanium	ppm	<b>0</b>	<1	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	2	2	3
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>42</b>	142	120	50
Magnesium	ppm	<b>2</b>	0	<1	3
Zinc	ppm	<b>10</b>	<1	22	4
Phosphorus	ppm	<b>533</b>	465	441	454
Barium	ppm	<b>0</b>	0	0	3
Boron	ppm	<b>0</b>	3	4	4

**Depot:** SAIBIR  
**Unique No:** 11020297  
**Signed:** Angela Borella  
**Report Date:** 13 May 2024



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## VOLVO GRAPHS

