



CONSTRUCTION EQUIPMENT

SWO-071558 EPIROC TMG2 ISEDO165 - REAR LEFT FINAL DRIVE



Sample No: VCP453708
Oil Type: MOBIL MOBILGEAR SHC 220
Job No: SWO-071558



SAMPLE INFORMATION

Sample Number	VCP453708	VCP438686	VCP444477	VCP442795
Sample Date	01 May 2024	28 Mar 2024	13 Feb 2024	04 Jan 2024
Machine Hours	5608	5235	4946	4682
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
 BIRMINGHAM, AL
 US 35207

Contact: STEPHANI BRITTON
 sbritton@saiia.com;doug.bogart@wearcheck.com
 T: (205)943-2268
 F: (205)943-2269



OIL CONDITION

Visc @ 40°C	cSt	221	216	217	187
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	61	▲ 113	69	44
Sodium	ppm	0	<1	0	0
Potassium	ppm	2	4	1	3

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	138	345	177	▲ 508
Copper	ppm	7	20	12	51
Lead	ppm	12	23	15	102
Tin	ppm	0	1	0	<1
Aluminum	ppm	6	● 16	10	3
Chromium	ppm	2	4	2	6
Molybdenum	ppm	0	0	0	1
Nickel	ppm	<1	<1	<1	2
Titanium	ppm	<1	1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	3	2	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	113	223	123	243
Magnesium	ppm	3	2	2	7
Zinc	ppm	21	5	12	104
Phosphorus	ppm	508	437	362	515
Barium	ppm	0	0	0	3
Boron	ppm	2	2	2	11

Depot: SAIBIR
Unique No: 11020296
Signed: Angela Borella
Report Date: 13 May 2024



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GRAPHS

