



CONSTRUCTION EQUIPMENT

SWO-071198 EPIROC TMG2 ISEDO223 - REAR LEFT FINAL DRIVE



Sample No: VCP449838
Oil Type: MOBIL MOBILGEAR SHC 220
Job No: SWO-071198



SAMPLE INFORMATION

Sample Number	VCP449838	VCP445306	VCP431070	VCP445719
Sample Date	16 Apr 2024	06 Mar 2024	30 Jan 2024	27 Nov 2023
Machine Hours	4708	4459	4133	3804
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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	212	215	216	212
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	67	49	37	35
Sodium	ppm	0	<1	0	<1
Potassium	ppm	1	<1	2	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	383	411	277	215
Copper	ppm	10	11	10	8
Lead	ppm	12	12	13	10
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	11	5	3	3
Chromium	ppm	4	4	3	2
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	<1	1	2	<1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	3	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	84	68	47	36
Magnesium	ppm	5	0	4	5
Zinc	ppm	5	0	0	0
Phosphorus	ppm	331	402	409	392
Barium	ppm	0	0	0	0
Boron	ppm	5	0	6	4

Depot: SAIBIR
Unique No: 10991808
Signed: Don Baldrige
Report Date: 24 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

