



CONSTRUCTION EQUIPMENT

SWO-068635 EPIROC TMG21 SEDO165 - REAR RIGHT FINAL DRIVE



Sample No: VCP441705
Oil Type: MOBIL MOBILGEAR SHC 220
Job No: SWO-068635



SAMPLE INFORMATION

Sample Number	VCP441705	VCP445804	VCP432934	VCP417095
Sample Date	04 Jan 2024	14 Nov 2023	04 Oct 2023	09 Aug 2023
Machine Hours	4682	4407	4102	3817
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	212	187	212	213
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	40	40	32	31
Sodium	ppm	0	<1	0	0
Potassium	ppm	2	<1	1	<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	333	404	190	161
Copper	ppm	15	▲ 41	12	11
Lead	ppm	23	▲ 98	17	16
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	2	4	0	1
Chromium	ppm	3	5	2	1
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	2	1	1	<1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	3	4	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	50	230	40	35
Magnesium	ppm	3	6	2	2
Zinc	ppm	4	103	9	10
Phosphorus	ppm	454	481	396	421
Barium	ppm	3	0	2	2
Boron	ppm	4	10	6	5

Depot: SAIBIR
Unique No: 10830993
Signed: Jonathan Hester
Report Date: 16 Jan 2024



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VOLVO GRAPHS

