



CONSTRUCTION EQUIPMENT

SWO-065278 EPIROC TMG21 SED0223 - REAR LEFT FINAL DRIVE



Sample No: VCP433876
Oil Type: MOBIL MOBILGEAR SHC 220
Job No: SWO-065278



SAMPLE INFORMATION

Sample Number	VCP433876	VCP424232	VCP408676	VCP410189
Sample Date	29 Aug 2023	05 Jul 2023	17 May 2023	03 Apr 2023
Machine Hours	3384	3133	2865	2651
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	215	216	216	216
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CONTAMINATION

Silicon	ppm	34	33	21	21
Sodium	ppm	0	0	1	<1
Potassium	ppm	2	1	<1	0



WEAR METALS

Iron	ppm	139	127	186	156
Copper	ppm	6	4	9	10
Lead	ppm	10	8	19	20
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	4	3	2
Chromium	ppm	1	1	1	2
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	20	17	129	32
Magnesium	ppm	<1	1	2	2
Zinc	ppm	2	0	26	7
Phosphorus	ppm	387	469	453	441
Barium	ppm	0	0	0	0
Boron	ppm	5	0	8	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.

Depot: SAIBIR
Unique No: 10630550
Signed: Don Baldrige
Report Date: 05 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

