



CONSTRUCTION EQUIPMENT

SWO-065278 EPIROC TMG21 SED0223 - REAR RIGHT FINAL DRIVE



Sample No: VCP433640
Oil Type: MOBIL MOBILGEAR SHC 220
Job No: SWO-065278



SAMPLE INFORMATION

Sample Number	VCP433640	VCP424295	VCP410140	VCP410142
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	ABNORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
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OIL CONDITION

Visc @ 40°C	cSt	213	217	217	215
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CONTAMINATION

Silicon	ppm	62	61	▲ 87	71
Sodium	ppm	0	0	<1	1
Potassium	ppm	3	3	5	3



WEAR METALS

Iron	ppm	118	113	289	235
Copper	ppm	6	5	13	13
Lead	ppm	10	8	19	19
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	12	14	▲ 15	12
Chromium	ppm	1	1	2	3
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	0	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	3	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	30	37	120	104
Magnesium	ppm	3	4	14	14
Zinc	ppm	1	0	0	7
Phosphorus	ppm	391	447	414	408
Barium	ppm	0	0	0	0
Boron	ppm	6	0	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.

Depot: SAIBIR
Unique No: 10630549
Signed: Don Baldrige
Report Date: 05 Sep 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

