



CONSTRUCTION EQUIPMENT

SWO-064723 EPIROC TMG21 SEDO165 - REAR RIGHT FINAL DRIVE



Sample No: VCP417095
Oil Type: MOBIL MOBILGEAR SHC 220
Job No: SWO-064723



SAMPLE INFORMATION

Sample Number	VCP417095	VCP424800	VCP410303	VCP393362
Sample Date	09 Aug 2023	20 Jun 2023	30 Mar 2023	04 Feb 2023
Machine Hours	3817	0	3217	3006
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD
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 US 35207

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OIL CONDITION

Visc @ 40°C	cSt	213	216	216	214
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CONTAMINATION

Silicon	ppm	31	25	24	25
Sodium	ppm	0	0	0	<1
Potassium	ppm	<1	1	<1	<1



WEAR METALS

Iron	ppm	161	81	52	124
Copper	ppm	11	7	4	9
Lead	ppm	16	14	11	31
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	1	0	0	<1
Chromium	ppm	1	<1	<1	1
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	35	24	21	22
Magnesium	ppm	2	1	2	4
Zinc	ppm	10	10	8	8
Phosphorus	ppm	421	429	435	426
Barium	ppm	2	2	0	<1
Boron	ppm	5	4	8	4

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: 10607562
Signed: Sean Felton
Report Date: 18 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

