



CONSTRUCTION EQUIPMENT

SWO-072944 EPIROC TMG2 ISEDO 165 - REAR RIGHT FINAL DRIVE



Sample No: VCP450606
Oil Type: MOBIL MOBILGEAR SHC 220
Job No: SWO-072944



SAMPLE INFORMATION

Sample Number	VCP450606	VCP453643	VCP438690	VCP431065
Sample Date	19 Jun 2024	01 May 2024	28 Mar 2024	13 Feb 2024
Machine Hours	5887	5608	5235	4946
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	222	224	220	221
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	35	36	60	48
Sodium	ppm	<1	0	<1	<1
Potassium	ppm	<1	<1	1	0

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	87	71	218	164
Copper	ppm	4	2	8	5
Lead	ppm	8	7	13	9
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	2	7	5
Chromium	ppm	<1	<1	2	2
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	42	42	142	120
Magnesium	ppm	1	2	0	<1
Zinc	ppm	2	10	<1	22
Phosphorus	ppm	431	533	465	441
Barium	ppm	0	0	0	0
Boron	ppm	2	0	3	4

Depot: SAIBIR
Unique No: 11099795
Signed: Angela Borella
Report Date: 28 Jun 2024



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VOLVO GRAPHS

