



CONSTRUCTION EQUIPMENT

SWO-067518 EPIROC TMG21SEDO165 - REAR LEFT FINAL DRIVE



Sample No: VCP445802
Oil Type: MOBIL MOBILGEAR SHC 220
Job No: SWO-067518



SAMPLE INFORMATION

Sample Number	VCP445802	VCP429380	VCP415933	VCP407575
Sample Date	14 Nov 2023	04 Oct 2023	09 Aug 2023	13 Jun 2023
Machine Hours	4407	4102	3817	3489
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	184	187	189	190
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	41	30	46	36
Sodium	ppm	<1	<1	0	0
Potassium	ppm	1	0	2	2

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	415	234	263	132
Copper	ppm	43	38	34	23
Lead	ppm	99	90	80	62
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	4	3	6	4
Chromium	ppm	5	3	3	1
Molybdenum	ppm	0	0	1	<1
Nickel	ppm	1	<1	1	<1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	4	3	3	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	231	194	252	260
Magnesium	ppm	7	8	7	6
Zinc	ppm	104	93	107	111
Phosphorus	ppm	491	439	466	472
Barium	ppm	0	<1	2	2
Boron	ppm	12	8	11	8

Depot: SAIBIR
Unique No: 10750867
Signed: Angela Borella
Report Date: 21 Nov 2023



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GRAPHS

