



CONSTRUCTION EQUIPMENT

SWO-071815 EPIROC D60-10 TMG22SEDO2 10 - REAR RIGHT FINAL DRIVE



Sample No: VCP453743
Oil Type: MOBIL MOBILGEAR SHC 220
Job No: SWO-071815



SAMPLE INFORMATION

Sample Number	VCP453743	---	---	---
Sample Date	15 May 2024	---	---	---
Machine Hours	1974	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY
 BIRMINGHAM, AL
 US 35217
 Contact: BRANTLY CLAY
 bclay@cowin.com
 T:
 F: (205)856-2106



OIL CONDITION

Visc @ 40°C	cSt	█ 188	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 7	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	█ 242	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	▲ 190	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 62	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 55	---	---	---
Phosphorus	ppm	█ 141	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 6	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO8528
Unique No: 11036073
Signed: Jonathan Hester
Report Date: 22 May 2024



CONSTRUCTION EQUIPMENT



GRAPHS

