



CONSTRUCTION EQUIPMENT

SW1019028 PERKINS VOLVO EC550E 310081 - REAR LEFT FINAL DRIVE



Sample No: VCP409765
Oil Type: GEAR OIL SAE 80W90
Job No: SW1019028 PERKINS



ARNOLD MACHINERY COMPANY
4323 EAST WINSLOW AVENUE
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US 85040
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SAMPLE INFORMATION

Sample Number	VCP409765	---	---	---
Sample Date	19 May 2023	---	---	---
Machine Hours	560	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	█ 176	---	---	---
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CONTAMINATION

Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 396	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 6	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 317	---	---	---
Barium	ppm	█ 6	---	---	---
Boron	ppm	█ 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.

Depot: VOLVO6174
Unique No: 10494001
Signed: Jonathan Hester
Report Date: 01 Jun 2023



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VOLVO GRAPHS

