



CONSTRUCTION EQUIPMENT

SW-28280-2 TNT VOLVO EC220E 314182 - SWING DRIVE



Sample No: VCP435835
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW-28280-2 TNT



SAMPLE INFORMATION

Sample Number	VCP435835	---	---	---
Sample Date	23 Jan 2024	---	---	---
Machine Hours	2683	---	---	---
Oil Hours	2683	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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 2975 WEST 2100 SOUTH
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 US 84119
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OIL CONDITION

Visc @ 40°C	cSt	█ 164	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 30	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 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	█ 197	---	---	---
Copper	ppm	█ 18	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 15	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 15	---	---	---
Phosphorus	ppm	█ 455	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 0	---	---	---

Depot: VOLVO8770
Unique No: 10858216
Signed: Sean Felton
Report Date: 02 Feb 2024



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GRAPHS

