



CONSTRUCTION EQUIPMENT

703487 IHFT SENNEBOGEN 830 830.0.2435 - FRONT AXLE



Sample No: VCP453515
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 703487 IHFT



SAMPLE INFORMATION

Sample Number	VCP453515	VCP411151	---	---
Sample Date	15 May 2024	27 Apr 2023	---	---
Machine Hours	15591	13582	---	---
Oil Hours	1000	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
Contact: PAUL CONZ
paul.conz@altg.com
T:
F: (248)356-2029



OIL CONDITION

Visc @ 40°C	cSt	▲ 65.5	■ 124	---	---
-------------	-----	--------	-------	-----	-----



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	■ 11	■ 3	---	---
Sodium	ppm	■ 15	■ 2	---	---
Potassium	ppm	■ 0	■ 1	---	---



WEAR METALS

Iron	ppm	■ 15	■ 23	---	---
Copper	ppm	■ 5	■ 7	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ <1	■ 0	---	---
Aluminum	ppm	■ 0	■ <1	---	---
Chromium	ppm	■ <1	■ <1	---	---
Molybdenum	ppm	■ 0	■ 0	---	---
Nickel	ppm	■ 0	■ 2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 5	■ 2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 3583	■ 151	---	---
Magnesium	ppm	■ 0	■ <1	---	---
Zinc	ppm	● 1422	■ 86	---	---
Phosphorus	ppm	■ 1210	2063	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 131	■ 169	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO2990
Unique No: 11034532
Signed: Angela Borella
Report Date: 21 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

