



CONSTRUCTION EQUIPMENT

633943 SALT MINE GENIE GTH1256 GTH12M-835 - FRONT AXLE



Sample No: VCP433732
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: 633943 SALT MINE



SAMPLE INFORMATION

Sample Number	VCP433732	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	1218	---	---	---
Oil Hours	1218	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ALTA EQUIPMENT COMPANY - METRO WEST
56195 PONTIAC TRAIL
NEW HUDSON, MI
US 48165
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OIL CONDITION

Visc @ 40°C	cSt	█ 182	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 19	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 4	---	---	---

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	█ 207	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 33	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 13	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 50	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 31	---	---	---
Phosphorus	ppm	█ 2251	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 2	---	---	---

Depot: VOLVO2990
Unique No: 10779560
Signed: Don Baldrige
Report Date: 12 Dec 2023



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GRAPHS

