WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**



VOLVO L350F 1078

| Rear Right Final Drive | | | | | | | |
|---|------------------|--------|-------------|-----------|-------------|----------|----------|
| {not provided} (GAL) | | | | | | | |
| RECOMMENDATION | Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
| Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. | Sample Number | | Client Info | | VCP415838 | | |
| | Sample Date | | Client Info | | 09 Jan 2024 | | |
| | Machine Age | hrs | Client Info | | 27068 | | |
| | Oil Age | hrs | Client Info | | 0 | | |
| | Filter Age | hrs | Client Info | | 0 | | |
| | Oil Changed | | Client Info | | Not Changd | | |
| | Filter Changed | | Client Info | | None | | |
| | Sample Status | | | | NORMAL | | |
| WEAR | Iron | ppm | ASTM D5185m | >1000 | 22 | | |
| All component wear rates are normal. | Chromium | ppm | ASTM D5185m | >10 | <1 | | |
| | Nickel | ppm | ASTM D5185m | >10 | 0 | | |
| | Titanium | ppm | ASTM D5185m | | <1 | | |
| | Silver | ppm | ASTM D5185m | | 0 | | |
| | Aluminum | ppm | ASTM D5185m | >10 | 2 | | |
| | Lead | ppm | ASTM D5185m | >25 | <1 | | |
| | Copper | ppm | ASTM D5185m | >30 | 3 | | |
| | Tin | ppm | ASTM D5185m | >10 | <1 | | |
| | Vanadium | ppm | ASTM D5185m | | 0 | | |
| | White Metal | scalar | *Visual | NONE | NONE | | |
| | Yellow Metal | scalar | *Visual | NONE | NONE | | |
| CONTAMINATION | Silicon | ppm | ASTM D5185m | >30 | 11 | | |
| There is no indication of any contamination in the oil. | Potassium | ppm | ASTM D5185m | >20 | 2 | | |
| | Water | | WC Method | >0.2 | NEG | | |
| | Silt | scalar | *Visual | NONE | MODER | | |
| | Debris | scalar | *Visual | NONE | NONE | | |
| | Sand/Dirt | scalar | *Visual | NONE | NONE | | |
| | Appearance | scalar | *Visual | NORML | NORML | | |
| | Odor | scalar | *Visual | NORML | NORML | | |
| | Emulsified Water | scalar | *Visual | >0.2 | NEG | | |
| FLUID CONDITION | Sodium | ppm | ASTM D5185m | | 0 | | |
| The condition of the oil is acceptable for the time in service. | Boron | ppm | ASTM D5185m | | 153 | | |
| | Barium | ppm | ASTM D5185m | | 2 | | |
| | Molybdenum | ppm | ASTM D5185m | | <1 | | |
| | Manganese | ppm | ASTM D5185m | | <1 | | |
| | Magnesium | ppm | ASTM D5185m | | 9 | | |
| | Calcium | ppm | ASTM D5185m | | 4018 | | |
| | Phosphorus | ppm | ASTM D5185m | | 1359 | | |
| | Zinc | ppm | ASTM D5185m | | 1675 | | |
| | | | | | | | |

Sulfur

Visc @ 40°C

5340

42.9

ASTM D5185m

ASTM D445

ppm





Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: VCP415838 : 06059599 : 10830981 Test Package : MOB 1

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 12 Jan 2024 Diagnosed : 16 Jan 2024 : Jonathan Hester Diagnostician

ROGERS GROUP, INC 421 GREAT CIRCLE ROAD NASHVILLE, TN

US 37228

Contact: SERVICE MANAGER

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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