

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id BETON PROVINCIAL [BT403221]

VOLVO L120H 633495

Rear Axle

VOLVO WB 102 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

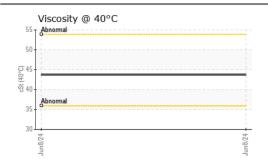
There is no indication of any contamination in the oil.

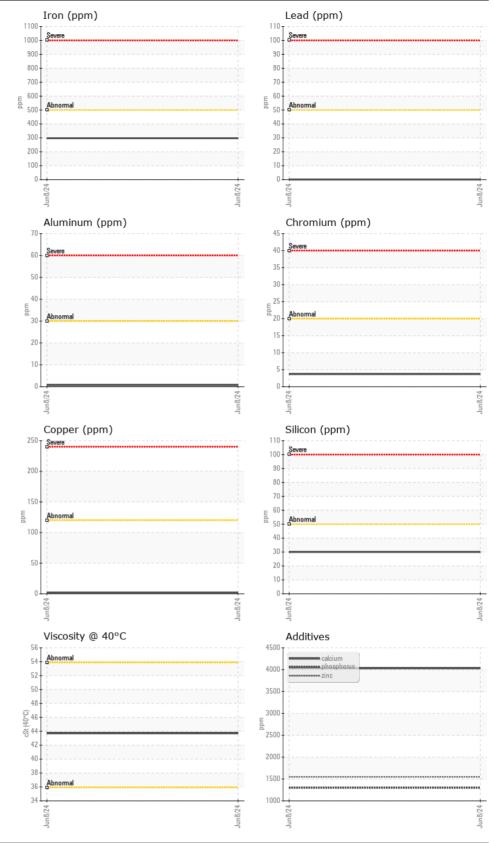
FLUID CONDITION

The condition of the oil is acceptable for the time in service.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|--|---|---|--|--|--------------|--------------|
| Sample Number | | Client Info | | VCP430117 | | |
| Sample Date | | Client Info | | 08 Jun 2024 | | |
| Machine Age | hrs | Client Info | | 1251 | | |
| Oil Age | hrs | Client Info | | 0 | | |
| Filter Age | hrs | Client Info | | 0 | | |
| Oil Changed | | Client Info | | Changed | | |
| Filter Changed | | Client Info | | N/A | | |
| Sample Status | | | | NORMAL | | |
| Iron | | ASTM D5185(m) | >500 | 297 | | |
| Chromium | ppm | ASTM D5185(m) | >20 | 4 | | |
| Nickel | ppm | | >10 | 4 | | |
| Titanium | ppm | ASTM D5185(m) ASTM D5185(m) | >10 | - | | |
| Silver | ppm | (/ | | <1 0 | | |
| | ppm | ASTM D5185(m) | . 20 | - | | |
| Aluminum Lead | ppm | ASTM D5185(m) | >30 | <1 | | |
| | ppm | ASTM D5185(m) | >50 | 0 | | |
| Copper | ppm | ASTM D5185(m) | >120 | 2 | | |
| Tin | ppm | ASTM D5185(m) | >20 | 0 | | |
| Vanadium | ppm | ASTM D5185(m) | | | | |
| White Metal | scalar | Visual* | NONE | VLITE | | |
| Vallau Matal | a a a l a v | \/:l* | | | | |
| Yellow Metal | scalar | Visual* | NONE | NONE | | |
| Yellow Metal Silicon | scalar ppm | Visual* ASTM D5185(m) | NONE | NONE 30 | | |
| | | | | | | |
| Silicon | ppm | ASTM D5185(m) | >50 | 30 | | |
| Silicon Potassium | ppm | ASTM D5185(m) ASTM D5185(m) | >50 >20 | 30 35 | | |
| Silicon Potassium Water | ppm ppm | ASTM D5185(m) ASTM D5185(m) WC Method | >50 >20 >0.2 | 30 35 NEG | | |
| Silicon Potassium Water Silt | ppm ppm scalar | ASTM D5185(m) ASTM D5185(m) WC Method Visual* | >50 >20 >0.2 NONE | 30 35 NEG NONE | | |
| Silicon Potassium Water Silt Debris | ppm ppm scalar scalar | ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* | >50 >20 >0.2 NONE NONE | 30 35 NEG NONE NONE | | |
| Silicon Potassium Water Silt Debris Sand/Dirt | ppm ppm scalar scalar scalar | ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* | >50 >20 >0.2 NONE NONE NONE | 30 35 NEG NONE NONE NONE | | |
| Silicon Potassium Water Silt Debris Sand/Dirt Appearance | ppm ppm scalar scalar scalar scalar | ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* | >50 >20 >0.2 NONE NONE NONE NORML | 30 35 NEG NONE NONE NONE NORML | | |
| Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water | ppm ppm scalar scalar scalar scalar scalar scalar | ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* | >50 >20 >0.2 NONE NONE NONE NORML NORML | 30 35 NEG NONE NONE NORE NORML NEG | | |
| Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium | ppm ppm scalar scalar scalar scalar scalar scalar ppm | ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* Visual* | >50 >20 >0.2 NONE NONE NONE NORML NORML | 30 35 NEG NONE NONE NORML NORML NEG 13 | | |
| Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron | ppm ppm scalar scalar scalar scalar scalar scalar gppm | ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) | >50 >20 >0.2 NONE NONE NONE NORML NORML | 30 35 NEG NONE NONE NORML NORML NEG 13 116 | | |
| Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium | ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm | ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) | >50 >20 >0.2 NONE NONE NONE NORML NORML | 30 35 NEG NONE NONE NORML NORML NEG 13 116 1 | | |
| Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum | ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm | ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) | >50 >20 >0.2 NONE NONE NONE NORML NORML | 30 35 NEG NONE NONE NORML NORML NEG 13 116 1 8 | | |
| Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese | ppm ppm scalar scalar scalar scalar scalar gpm ppm ppm | ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) | >50 >20 >0.2 NONE NONE NONE NORML NORML | 30 35 NEG NONE NONE NORML NORML NEG 13 116 1 8 11 | | |
| Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium | ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm | ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) | >50 >20 >0.2 NONE NONE NONE NORML NORML | 30 35 NEG NONE NONE NORML NORML NEG 13 116 1 8 11 8 11 | | |
| Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium | ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm | ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) | >50 >20 >0.2 NONE NONE NONE NORML NORML | 30 35 NEG NONE NONE NORML NORML NEG 13 116 1 8 11 8 11 12 4030 | | |
| Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium Calcium | ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm | ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) | >50 >20 >0.2 NONE NONE NONE NORML NORML | 30 35 NEG NONE NONE NORML NORML NEG 13 116 1 8 11 8 11 12 4030 1300 | | |
| Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus | ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm | ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) | >50 >20 >0.2 NONE NONE NONE NORML NORML | 30 35 NEG NONE NONE NORML NORML NEG 13 116 1 8 11 12 4030 1300 1549 | | |
| Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium Calcium | ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm | ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) | >50 >20 >0.2 NONE NONE NONE NORML NORML | 30 35 NEG NONE NONE NORML NORML NEG 13 116 1 8 11 8 11 12 4030 1300 | | |

Contact/Location: Marco Castura - SHEBAI





Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CALA Sample No. Received : 13 Jun 2024 : VCP430117 Lab Number : 02641826 Tested : 13 Jun 2024 ISO 17025:2017 Accredited Laboratory Diagnosed Unique Number : 5799365 : 13 Jun 2024 - Wes Davis Test Package : MOB 1 To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

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