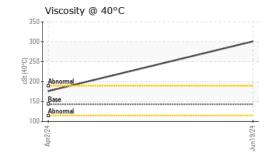
WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**

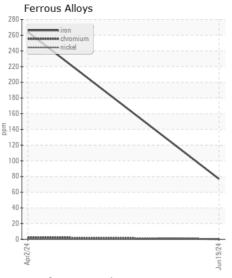


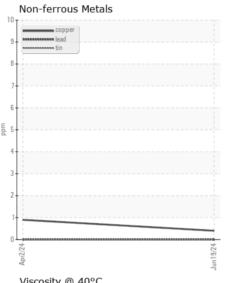
Machine Id **VOLVO EC200E 315065** Left Travel

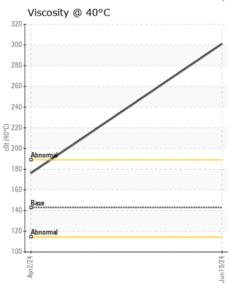
GEAR OIL SAF 80W90 (--- GAL)

| Test Sample Number | UOM | Method | Limit/Abn | Current | History1 | History2 |
|-----------------------|---|--|--|--|--|---|
| Sample Number | | | | | | |
| | | Client Info | | ASC0009735 | ASC0007154 | |
| Sample Date | | Client Info | | 19 Jun 2024 | 02 Apr 2024 | |
| Machine Age | hrs | Client Info | | 2029 | 1563 | |
| Oil Age | hrs | Client Info | | 466 | 1563 | |
| Filter Age | hrs | Client Info | | 0 | 0 | |
| Oil Changed | | Client Info | | Changed | Changed | |
| Filter Changed | | Client Info | | N/A | N/A | |
| Sample Status | | | | NORMAL | NORMAL | |
| Local | | AOTA DE LOS | 4000 | | 004 | |
| | | | | | | |
| | | | | | | |
| | | | >5 | | | |
| | | | | | | |
| | | | 400 | | | |
| | | | | | | |
| | | | | | - | |
| | | | | | | |
| | | | >5 | | | |
| | | | NONE | | | |
| | | | | | | |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | |
| Silicon | ppm | ASTM D5185m | >100 | 16 | 20 | |
| Potassium | ppm | ASTM D5185m | >20 | 5 | 6 | |
| Water | | WC Method | >0.25 | NEG | NEG | |
| Silt | scalar | *Visual | NONE | NONE | NONE | |
| Debris | scalar | *Visual | NONE | NONE | NONE | |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | |
| Appearance | scalar | *Visual | NORML | NORML | NORML | |
| Odor | scalar | *Visual | NORML | NORML | NORML | |
| Emulsified Water | scalar | *Visual | >0.25 | NEG | NEG | |
| Sodium | ppm | ASTM D5185m | >170 | 3 | 6 | |
| Boron | ppm | ASTM D5185m | 400 | 145 | 0 | |
| Barium | ppm | ASTM D5185m | 200 | 0 | 0 | |
| Molybdenum | ppm | ASTM D5185m | 12 | 0 | 2 | |
| Manganese | ppm | ASTM D5185m | | 2 | 5 | |
| Magnesium | ppm | ASTM D5185m | 12 | 0 | 2 | |
| Calcium | ppm | ASTM D5185m | 150 | 7 | 13 | |
| Phosphorus | ppm | ASTM D5185m | 1650 | 1019 | 358 | |
| Zinc | ppm | ASTM D5185m | 125 | 14 | 18 | |
| Sulfur | ppm | ASTM D5185m | 22500 | 33868 | 18624 | |
| G aa. | 1 1 | | | | | |
| | Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc | Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Silicon ppm Potassium ppm Water Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Odor scalar Emulsified Water scalar Sodium ppm Boron ppm Barium ppm Manganese ppm Magnesium ppm Calcium ppm Phosphorus ppm Phosphorus Zinc ppm | Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Silver ppm ASTM D5185m Lead ppm ASTM D5185m Copper ppm ASTM D5185m Tin ppm ASTM D5185m Vanadium ppm ASTM D5185m White Metal scalar *Visual Yellow Metal scalar *Visual Silicon ppm ASTM D5185m Water WC Method Silt scalar *Visual Debris scalar *Visual Sand/Dirt scalar *Visual Appearance scalar *Visual Sand/Dirt scalar *Visual Sodium ppm ASTM D5185m Boron ppm ASTM D5185m Boron ppm ASTM D5185m Manganese ppm ASTM D5185m Manganesium ppm ASTM D5185m Manganese ppm ASTM D5185m | Oil AgehrsClient InfoFilter AgehrsClient InfoOil ChangedClient InfoFilter ChangedClient InfoSample StatusIronppmASTM D5185mChromiumppmASTM D5185mChromiumppmASTM D5185mNickelppmASTM D5185mTitaniumppmASTM D5185mSilverppmASTM D5185mAluminumppmASTM D5185mLeadppmASTM D5185mCopperppmASTM D5185mTinppmASTM D5185mVanadiumppmASTM D5185mWhite Metalscalar*VisualYellow Metalscalar*VisualNONESiliconppmASTM D5185mPotassiumppmASTM D5185mVaterWC Method>0.25Siltscalar*VisualNONESand/Dirtscalar*VisualNONEAppearancescalar*VisualNONESand/Dirtscalar*VisualNORMLAppearancescalar*VisualNORMLEmulsified Waterscalar*Visual>0.25SodiumppmASTM D5185m>170BoronppmASTM D5185m200MolybdenumppmASTM D5185m12MagnesiumppmASTM D5185m150PhosphorusppmASTM D5185m150ZincppmASTM D5185m125 <td>Oil Age hrs Client Info 466 Filter Age hrs Client Info 0 Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status NORMAL Iron ppm ASTM D5185m >1200 77 Chromium ppm ASTM D5185m >20 <1</td> Nickel ppm ASTM D5185m >5 <1 Titanium ppm ASTM D5185m >5 <1 Silver ppm ASTM D5185m >100 5 Aluminum ppm ASTM D5185m >50 0 Aluminum ppm ASTM D5185m >50 0 Astm D5185m >50 0 0 0 Copper ppm ASTM D5185m >50 0 Vanadium ppm ASTM D5185m >50 0 Vanadium ppm ASTM D5185m >100 NONE Yellow Metal scalar <td>Oil Age hrs Client Info 466 1563 Filter Age hrs Client Info 0 0 Oil Changed Client Info Changed Changed Filter Changed Client Info N/A N/A Sample Status NORMAL NORMAL NORMAL Iron ppm ASTM D5185m >1200 77 264 Chromium ppm ASTM D5185m >20 <1</td> 3 Nickel ppm ASTM D5185m >20 <1 3 Nickel ppm ASTM D5185m >5 <1 <1 <1 Silver ppm ASTM D5185m >50 0 0 0 Aluminum ppm ASTM D5185m >50 0 0 0 Aluminum ppm ASTM D5185m >50 0 0 0 Aluminum ppm ASTM D5185m >50 0 0 0 Copper ppm ASTM D51 | Oil Age hrs Client Info 466 Filter Age hrs Client Info 0 Oil Changed Client Info N/A Filter Changed Client Info N/A Sample Status NORMAL Iron ppm ASTM D5185m >1200 77 Chromium ppm ASTM D5185m >20 <1 | Oil Age hrs Client Info 466 1563 Filter Age hrs Client Info 0 0 Oil Changed Client Info Changed Changed Filter Changed Client Info N/A N/A Sample Status NORMAL NORMAL NORMAL Iron ppm ASTM D5185m >1200 77 264 Chromium ppm ASTM D5185m >20 <1 |











Certificate L2367

Laboratory Sample No.

Test Package : CONST

: ASC0009735 Lab Number : 06217157 Unique Number : 11090021

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 21 Jun 2024 **Tested** : 24 Jun 2024

Diagnosed : 24 Jun 2024 - Sean Felton PARAGON SITE SOLUTIONS LLC

665 SEWARD AVE NW #301 CHARLOTTE, NC

US 28273

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)

T:

F: