

CONSTRUCTION EQUIPMENT VOLVO A40G 352198 - REAR AXLE



Sample No: VCP312933

Oil Type: MOBIL MOBILUBE HD 80W90

Job No:

| Machine Hours 4393 3898 Oil Hours 495 239 Sample Status Not Changed NORMAL ATTENTION Visc @ 40°C cSt 132 49.8 CONTAMINATION Sodium ppm 0 3 Sodium ppm 0 3 Sodium ppm 0 3 Vorce UKAR METALS Vorce ppm 0 0 Copper ppm 0 0 Lead ppm 0 0 Molybdenum ppm 2 <1 Silver ppm 0 0 Molybdenum ppm 1 0 <th></th> <th></th> <th></th> <th></th> <th></th> | | | | | |
|---|------------|---------------|-------------|-----------|------|
| Sample Number VCP312933 VCP405730 Sample Date 06 Sep 2023 19 Jun 2023 Machine Hours 4393 3898 Oil Hours 495 239 Oil Changed Not Changd Changed Sample Status NORMAL ATTENTION Visc @ 40°C cSt 132 49.8 OIL CONDITION Visc @ 40°C cSt 132 49.8 Sodium ppm 0 3 Potassium ppm <1 2 Verature Methals Visc @ 40°C ppm 0 0 Sodium ppm 0 3 Potasium | | E INFORMATION | | | |
| Sample Date 06 Sep 2023 19 Jun 2023 Machine Hours 4393 3898 Oil Hours 495 239 Sample Status Not Changd Changed Sample Status Not RMAL ATTENTION Visc @ 40°C cSt 132 49.8 Visc @ 40°C cSt 132 49.8 Sodium ppm 0 3 Sodium ppm 0 Sodium ppm 1 1 C | | _ | | VCP405730 | |
| Machine Hours 4393 3898 Oil Hours 495 239 Sample Status Not Changed NORMAL ATTENTION Visc @ 40°C cSt 132 49.8 Visc @ 40°C cSt 132 49.8 Visc @ 40°C cSt 132 49.8 Sodum ppm 0 3 Sodum ppm 0 3 Visc @ 40°C cSt 132 -75 Sodum ppm 0 3 Visc @ 40°C ppm -1 1 Sodum ppm 0 3 Sodum ppm 0 1 1 Iron ppm 1 1 <td></td> <td></td> <td></td> <td></td> <td> </td> | | | | | |
| Oil Hours 495 239 Oil Changed Not Changd Changed Sample Status NORMAL ATTENTION Visc @ 40°C cSt 132 49.8 Visc @ 40°C cSt 132 49.8 CONTAMINATION Sodium ppm 0 3 Sodium ppm 0 3 Visc @ 40°C cSt 132 75 Sodium ppm 0 0 Visc @ 40°C cSt 11 Sodium ppm 0 0 Visc @ 40°C cSt 132 Visc @ 40°C ppm 0 0 Ion on ppm 23 75 <td></td> <td></td> <td></td> <td></td> <td> </td> | | | | | |
| Oil Changed Not Changd Changed Sample Status NORMAL ATTENTION Visc @ 40°C Cst 132 49.8 Visc @ 40°C Cst 132 49.8 Visc @ 40°C Cst 132 49.8 Visc @ 40°C Cst 132 Solum ppm 0 3 Solum ppm 0 3 Versex visco 1 2 Visco ppm <1 | | | | | |
| Sample Status NORMAL ATTENTION Visc @ 40°C cSt 132 49.8 Visc @ 40°C cSt 132 Soldium ppm 0 33 Soldium ppm 0 11 1 Visc MEAR METALS Lead ppm 0 0 Aluminum ppm 0 0 < | | | Not Changd | | |
| Visc @ 40°C cSt 132 49.8 CONTAMINATION Silicon ppm 0 3 Sodium ppm 0 3 Sodium ppm 0 3 Potassium ppm <1 | - | | _ | - | |
| OIL CONDITION Visc @ 40°C cSt 132 49.8 Solium ppm 2 3 Solium ppm 0 3 Potassium ppm c1 2 Visc @ 40°C csi 1 2 Solium ppm 0 3 Solium ppm c1 2 Visc @ 40°C visc @ 40°C visc @ 40°C Solium ppm 0 3 Solium ppm c1 1 Lead ppm 0 0 Aluminum ppm 0 c1 Molybdenum ppm c1 0 Nickel ppm 0 0 | | | | | |
| Visc @ 40°C cSt 132 49.8 CONTAMINATION Sodium ppm 0 3 Potassium ppm c1 2 Visc @ 40°C cSt 11 2 Sodium ppm c1 2 Sodium ppm c1 2 Visc @ 40°C cSt 11 Sodium ppm c1 11 Visc @ 40°C ppm 0 0 Copper ppm 0 0 Lead ppm 0 0 Aluminum ppm 0 <t< td=""><td>OIL CON</td><td>DITION</td><td></td><td></td><td></td></t<> | OIL CON | DITION | | | |
| CONTAMINATION Silicon ppm 2 3 Sodium ppm 0 3 Potassium ppm <1 2 WEAR METALS Verage ppm <1 1 Copper ppm <1 1 Lead ppm 0 0 Aluminum ppm 0 <1 Aluminum ppm 0 <1 Aluminum ppm 0 <1 Molybdenum ppm 2 <1 Nickel ppm 0 0 Silver ppm 0 0 Vanadium ppm 1185 111 | | | 1 32 | /9.8 | |
| CONTAMINATION Silicon ppm 2 3 Sodium ppm 0 3 Potassium ppm <1 | | CST | IJE | - 45.0 | |
| Silicon ppm 2 3 Sodium ppm 0 3 Potassium ppm <1 | VOLVO | | | | |
| Sodium ppm 0 3 Potassium ppm <1 | CONTAN | MINATION | | | |
| Potassium ppm <1 2 WEAR METALS | Silicon | ppm | 2 | 3 | |
| WEAR METALS Iron ppm 23 75 Copper ppm <1 1 Lead ppm 0 0 Aluminum ppm 0 <1 Aluminum ppm 0 <1 Molybdenum ppm 21 <1 Nickel ppm 0 0 Nickel ppm 0 0 Silver ppm 0 0 Maganese ppm 0 0 Calcium ppm 185 11 Magnesium ppm 16 0 Magnesium ppm 1066 2361 Barium ppm 0 0 | Sodium | ppm | 0 | 3 | |
| WEAR METALS Iron ppm 23 75 Copper ppm <1 | Potassium | ppm | <1 | 2 | |
| WEAR METALS Iron ppm 23 75 Copper ppm <1 | | | | | |
| Copper ppm <1 | WEAR N | METALS | | | |
| Lead ppm 0 Tin ppm 0 0 Aluminum ppm 0 <1 | Iron | ppm | 23 | 75 | |
| Tin ppm 0 Aluminum ppm 0 <1 | Copper | ppm | | 1 | |
| Aluminum ppm 0 <1 | Lead | ppm | 0 | 0 | |
| Chromium ppm <1 <1 Molybdenum ppm 2 <1 | Tin | ppm | 0 | 0 | |
| Molybdenum ppm 2 <1 | Aluminum | ppm | 0 | < 1 | |
| Nickel ppm <1 0 Titanium ppm 0 0 Silver ppm 0 0 Manganese ppm <1 | Chromium | ppm | | <1 | |
| Titanium ppm 0 0 Silver ppm 0 0 Manganese ppm <1 | Molybdenum | ppm | 2 | < 1 | |
| Silver ppm 0 0 Manganese ppm <1 3 Vanadium ppm 0 0 ADDITIVES Calcium ppm 185 11 Magnesium ppm 16 00 Zinc ppm 90 2 Phosphorus ppm 1066 2361 Barium ppm 0 0 | Nickel | ppm | <1 | 0 | |
| Manganese ppm <1 3 Vanadium ppm 0 0 ADDITIVES Calcium ppm 185 11 Magnesium ppm 16 0 Zinc ppm 90 2 Phosphorus ppm 1066 2361 Barium ppm 0 0 | Titanium | ppm | 0 | 0 | |
| Vanadium ppm 0 ADDITIVES Calcium ppm 185 11 Magnesium ppm 16 0 Zinc ppm 90 2 Phosphorus ppm 1066 2361 Barium ppm 0 0 | Silver | ppm | 0 | 0 | |
| ADDITIVES Calcium ppm 185 11 Magnesium ppm 16 0 Zinc ppm 90 2 Phosphorus ppm 1066 2361 Barium ppm 0 0 | Manganese | ppm | <1 | 3 | |
| ADDITIVES Calcium ppm 185 11 Magnesium ppm 16 0 Zinc ppm 90 2 Phosphorus ppm 1066 2361 Barium ppm 0 0 | Vanadium | ppm | 0 | 0 | |
| ADDITIVES Calcium ppm 185 11 Magnesium ppm 16 0 Zinc ppm 90 2 Phosphorus ppm 1066 2361 Barium ppm 0 0 | | | | | |
| Magnesium ppm 16 0 Zinc ppm 90 2 Phosphorus ppm 1066 2361 Barium ppm 0 0 | | VES | | | |
| Magnesium ppm 16 0 Zinc ppm 90 2 Phosphorus ppm 1066 2361 Barium ppm 0 0 | Calcium | ppm | 185 | 11 | |
| Zinc ppm 90 2 Phosphorus ppm 1066 2361 Barium ppm 0 0 | Magnesium | | | | |
| Phosphorus ppm 1066 2361 Barium ppm 0 0 | Zinc | | | | |
| Barium ppm 0 0 | Phosphorus | | _ | | |
| | | | 0 | | |
| | Boron | | 204 | | |



SCHILDBERG CONSTRUCTION COMPANY

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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.

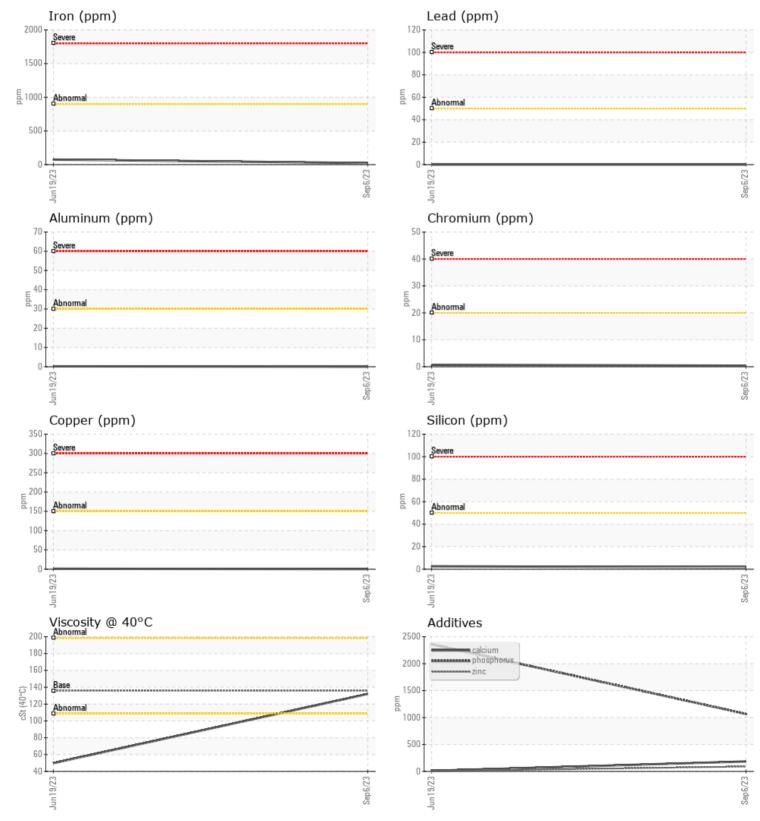
| Depot: | SCHGRE | | |
|--------------|-------------|--|--|
| Unique No: | 10672277 | | |
| Signed: | Wes Davis | | |
| Report Date: | 02 Oct 2023 | | |

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: SCHGRE [WUSCAR] 05965726 (Generated: 10/03/2023 11:44:39) Rev: 1

Contact/Location: SCOTT ARMSTRONG - SCHGRE