



CONSTRUCTION EQUIPMENT

A10740 VOLVO A40G 352138 - REAR AXLE



Sample No: VCP411933
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A10740



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP411933 | VCP310240 | --- | --- |
| Sample Date | 13 Jul 2023 | 30 Jul 2021 | --- | --- |
| Machine Hours | 7031 | 2075 | --- | --- |
| Oil Hours | 0 | 1000 | --- | --- |
| Oil Changed | Changed | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

RUGGIERO EXCAVATING LLC
 930 EAST MARKET STREET
 BETHLEHEM, PA
 US 18017
 Contact: SERVICE MANAGER



OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|-----|-----|
| Visc @ 40°C | cSt | 126 | 152 | --- | --- |
|-------------|-----|------------|-----|-----|-----|

T: (610)691-5993
 F:



CONTAMINATION

| | | | | | |
|-----------|-----|--------------|---|-----|-----|
| Silicon | ppm | 8 | 2 | --- | --- |
| Sodium | ppm | 0 | 4 | --- | --- |
| Potassium | ppm | <1 | 0 | --- | --- |

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 | 135 | 79 | --- | --- |
| Copper | ppm | <1 | <1 | --- | --- |
| Lead | ppm | 0 | <1 | --- | --- |
| Tin | ppm | 0 | <1 | --- | --- |
| Aluminum | ppm | <1 | <1 | --- | --- |
| Chromium | ppm | 2 | 1 | --- | --- |
| Molybdenum | ppm | <1 | <1 | --- | --- |
| Nickel | ppm | 0 | 0 | --- | --- |
| Titanium | ppm | 0 | <1 | --- | --- |
| Silver | ppm | 0 | <1 | --- | --- |
| Manganese | ppm | 2 | 2 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Calcium | ppm | 32 | 65 | --- | --- |
| Magnesium | ppm | <1 | 4 | --- | --- |
| Zinc | ppm | 14 | 24 | --- | --- |
| Phosphorus | ppm | 492 | 926 | --- | --- |
| Barium | ppm | 0 | 0 | --- | --- |
| Boron | ppm | 31 | 275 | --- | --- |

Depot: RUGBET
Unique No: 10563010
Signed: Don Baldrige
Report Date: 20 Jul 2023



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GRAPHS

