



CONSTRUCTION EQUIPMENT

VOLVO A25G 740206 - REAR AXLE



Sample No: VCP422318
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP422318 | --- | --- | --- |
| Sample Date | 29 Nov 2023 | --- | --- | --- |
| Machine Hours | 5975 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 330 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | 115 | --- | --- | --- |
| Sodium | ppm | ■ 0 | --- | --- | --- |
| Potassium | ppm | ■ 1 | --- | --- | --- |

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 | 367 | --- | --- | --- |
| Copper | ppm | ■ 14 | --- | --- | --- |
| Lead | ppm | 0 | --- | --- | --- |
| Tin | ppm | 0 | --- | --- | --- |
| Aluminum | ppm | 4 | --- | --- | --- |
| Chromium | ppm | 5 | --- | --- | --- |
| Molybdenum | ppm | 4 | --- | --- | --- |
| Nickel | ppm | 3 | --- | --- | --- |
| Titanium | ppm | 2 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 6 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

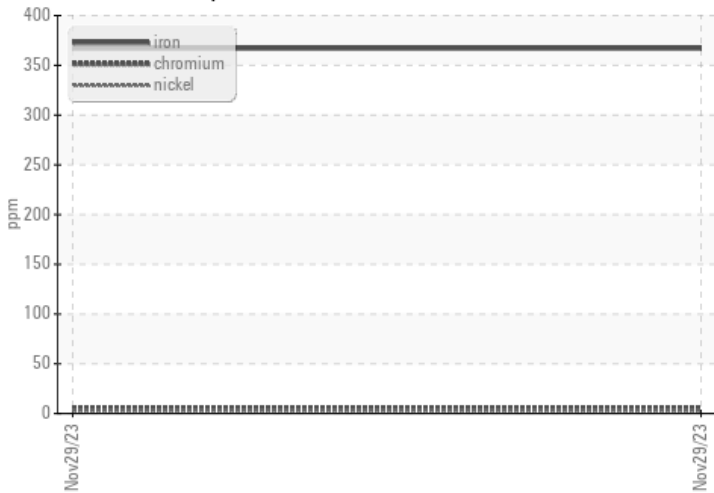
| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 73 | --- | --- | --- |
| Magnesium | ppm | 6 | --- | --- | --- |
| Zinc | ppm | 25 | --- | --- | --- |
| Phosphorus | ppm | 1057 | --- | --- | --- |
| Barium | ppm | 2 | --- | --- | --- |
| Boron | ppm | 210 | --- | --- | --- |

Depot: VOLVO0090
Unique No: 10767725
Signed: Jonathan Hester
Report Date: 05 Dec 2023

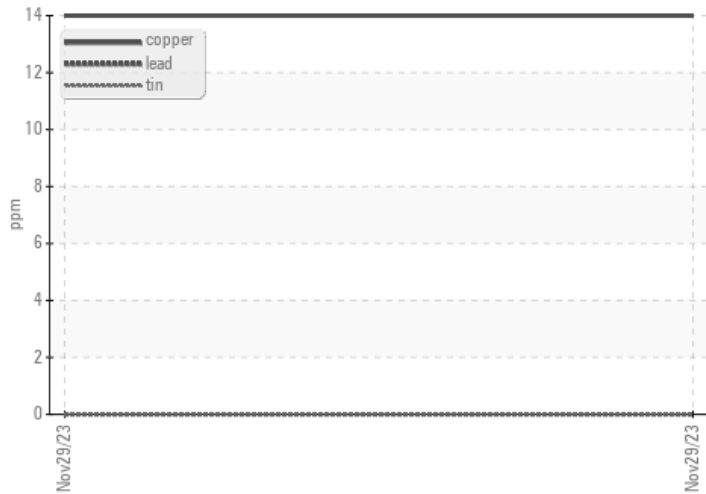


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

