



CONSTRUCTION EQUIPMENT

SW1033699 VOLVO A30G 752494 - REAR AXLE



Sample No: VCP395540
Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5
Job No: SW1033699



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP395540 | --- | --- | --- |
| Sample Date | 02 May 2024 | --- | --- | --- |
| Machine Hours | 3088 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | ATTENTION | --- | --- | --- |

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 F:



OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 72.5 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | ■ 10 | --- | --- | --- |
| Sodium | ppm | ■ 0 | --- | --- | --- |
| Potassium | ppm | ■ 4 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Iron | ppm | ■ 186 | --- | --- | --- |
| Copper | ppm | ■ 11 | --- | --- | --- |
| Lead | ppm | ■ <1 | --- | --- | --- |
| Tin | ppm | ■ 1 | --- | --- | --- |
| Aluminum | ppm | ■ 2 | --- | --- | --- |
| Chromium | ppm | ■ 4 | --- | --- | --- |
| Molybdenum | ppm | ■ 7 | --- | --- | --- |
| Nickel | ppm | ■ 2 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | ■ 7 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | ● 1427 | --- | --- | --- |
| Magnesium | ppm | ■ 29 | --- | --- | --- |
| Zinc | ppm | ● 754 | --- | --- | --- |
| Phosphorus | ppm | ● 636 | --- | --- | --- |
| Barium | ppm | ■ 3 | --- | --- | --- |
| Boron | ppm | ● 9 | --- | --- | --- |

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 oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO5856
Unique No: 11021931
Signed: Sean Felton
Report Date: 14 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

