



CONSTRUCTION EQUIPMENT

716009 HERC RENTALS VOLVO A30G 753424 - DROP BOX



Sample No: VCP451015
Oil Type: VOLVO PREMIUM GEAR OIL 85W-140 GL-5
Job No: 716009 HERC RENTALS



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP451015 | --- | --- | --- |
| Sample Date | 24 May 2024 | --- | --- | --- |
| Machine Hours | 981 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | ATTENTION | --- | --- | --- |

ALTA EQUIPMENT COMPANY

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OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 45.1 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | ■ 29 | --- | --- | --- |
| Sodium | ppm | ■ 5 | --- | --- | --- |
| Potassium | ppm | ■ 4 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | ■ 66 | --- | --- | --- |
| Copper | ppm | ■ <1 | --- | --- | --- |
| Lead | ppm | ■ 0 | --- | --- | --- |
| Tin | ppm | ■ <1 | --- | --- | --- |
| Aluminum | ppm | ■ 4 | --- | --- | --- |
| Chromium | ppm | ■ 1 | --- | --- | --- |
| Molybdenum | ppm | ■ 6 | --- | --- | --- |
| Nickel | ppm | ■ <1 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | ■ 1 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | ● 3035 | --- | --- | --- |
| Magnesium | ppm | ■ 12 | --- | --- | --- |
| Zinc | ppm | ● 1251 | --- | --- | --- |
| Phosphorus | ppm | ● 1819 | --- | --- | --- |
| Barium | ppm | ■ 0 | --- | --- | --- |
| Boron | ppm | ■ 189 | --- | --- | --- |

Diagnosis

The oil change at the time of sampling has been noted. 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: VOLVO0095
Unique No: 11057931
Signed: Don Baldrige
Report Date: 02 Jun 2024



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GRAPHS

