



# CONSTRUCTION EQUIPMENT

737904 M MARIETTA VOLVO A45G 342066 - REAR AXLE



**Sample No:** VCP281506  
**Oil Type:** CHEVRON DELO GEAR ESI OIL 85W140  
**Job No:** 737904 M MARIETTA



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP281506   | --- | --- | --- |
| Sample Date   | 10 Apr 2024 | --- | --- | --- |
| Machine Hours | 15989       | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

**ROMCO INC - AUSTIN BRANCH**  
 1150 WEST OLD SETTLERS BOULEVARD  
 ROUNDROCK, TX  
 US 78681  
 Contact: ED MAYES  
 EMAYES@ROMCO.COM  
 T: (737)204-9402  
 F: (512)388-2673



## OIL CONDITION

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 243 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Water     | %   | NEG  | --- | --- | --- |
| Silicon   | ppm | █ 3  | --- | --- | --- |
| Sodium    | ppm | █ 0  | --- | --- | --- |
| Potassium | ppm | █ 52 | --- | --- | --- |

## 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 | █ 55 | --- | --- | --- |
| Copper     | ppm | █ 2  | --- | --- | --- |
| Lead       | ppm | █ 0  | --- | --- | --- |
| Tin        | ppm | █ 0  | --- | --- | --- |
| Aluminum   | ppm | █ 0  | --- | --- | --- |
| Chromium   | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | █ 16 | --- | --- | --- |
| Nickel     | ppm | █ 0  | --- | --- | --- |
| Titanium   | ppm | 0    | --- | --- | --- |
| Silver     | ppm | 0    | --- | --- | --- |
| Manganese  | ppm | █ 1  | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |



## ADDITIVES

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Calcium    | ppm | █ 363 | --- | --- | --- |
| Magnesium  | ppm | █ 50  | --- | --- | --- |
| Zinc       | ppm | 173   | --- | --- | --- |
| Phosphorus | ppm | █ 968 | --- | --- | --- |
| Barium     | ppm | █ 0   | --- | --- | --- |
| Boron      | ppm | █ 228 | --- | --- | --- |

**Depot:** VOLVO0088  
**Unique No:** 10994864  
**Signed:** Jonathan Hester  
**Report Date:** 26 Apr 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

