



# CONSTRUCTION EQUIPMENT

SPM568445 CROSSTOWN NEW HOLLAND C345 NMM408525 - RIGHT FINAL DRIVE



**Sample No:** VCP406080  
**Oil Type:** GEAR OIL SAE 75W90  
**Job No:** SPM568445 CROSSTOWN



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP406080   | --- | --- | --- |
| Sample Date   | 06 Jul 2023 | --- | --- | --- |
| Machine Hours | 479         | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

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## OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 64.8 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Silicon   | ppm | █ 14 | --- | --- | --- |
| Sodium    | ppm | █ 82 | --- | --- | --- |
| Potassium | ppm | █ 5  | --- | --- | --- |

## 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 | █ 407 | --- | --- | --- |
| Copper     | ppm | █ 10  | --- | --- | --- |
| Lead       | ppm | █ <1  | --- | --- | --- |
| Tin        | ppm | █ 0   | --- | --- | --- |
| Aluminum   | ppm | █ 4   | --- | --- | --- |
| Chromium   | ppm | █ 7   | --- | --- | --- |
| Molybdenum | ppm | █ <1  | --- | --- | --- |
| Nickel     | ppm | █ <1  | --- | --- | --- |
| Titanium   | ppm | <1    | --- | --- | --- |
| Silver     | ppm | 0     | --- | --- | --- |
| Manganese  | ppm | █ 7   | --- | --- | --- |
| Vanadium   | ppm | <1    | --- | --- | --- |



## ADDITIVES

|            |     |        |     |     |     |
|------------|-----|--------|-----|-----|-----|
| Calcium    | ppm | █ 117  | --- | --- | --- |
| Magnesium  | ppm | █ 786  | --- | --- | --- |
| Zinc       | ppm | █ 74   | --- | --- | --- |
| Phosphorus | ppm | █ 1289 | --- | --- | --- |
| Barium     | ppm | █ 0    | --- | --- | --- |
| Boron      | ppm | █ 414  | --- | --- | --- |

**Depot:** VOLVO8885  
**Unique No:** 10560802  
**Signed:** Don Baldrige  
**Report Date:** 18 Jul 2023



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## GRAPHS

