



CONSTRUCTION EQUIPMENT

A11436 JMC VOLVO ECR58E 210814 - REAR LEFT FINAL DRIVE



Sample No: VCP430939
Oil Type: MOBIL MOBILUBE HD 80W90
Job No: A11436 JMC



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP430939 | VCP296039 | --- | --- |
| Sample Date | 03 Nov 2023 | 18 Dec 2020 | --- | --- |
| Machine Hours | 1410 | 465 | --- | --- |
| Oil Hours | 600 | 465 | --- | --- |
| Oil Changed | Changed | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

HOFFMAN EQUIPMENT - LIONVILLE
 120 GORDON DRIVE
 LIONVILLE, PA
 US 19341
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OIL CONDITION

| | | | | | |
|-------------|-----|------------|------|-----|-----|
| Visc @ 40°C | cSt | 292 | 91.7 | --- | --- |
|-------------|-----|------------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|--------------|---|-----|-----|
| Silicon | ppm | 11 | 9 | --- | --- |
| Sodium | ppm | <1 | 2 | --- | --- |
| Potassium | ppm | 0 | 0 | --- | --- |

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. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Iron | ppm | 224 | 160 | --- | --- |
| Copper | ppm | <1 | 3 | --- | --- |
| Lead | ppm | 0 | 0 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | 0 | 1 | --- | --- |
| Chromium | ppm | 4 | 6 | --- | --- |
| Molybdenum | ppm | 0 | 16 | --- | --- |
| Nickel | ppm | 0 | <1 | --- | --- |
| Titanium | ppm | 0 | 1 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 2 | 4 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------------|------|-----|-----|
| Calcium | ppm | 371 | 3807 | --- | --- |
| Magnesium | ppm | 4 | 10 | --- | --- |
| Zinc | ppm | 147 | 692 | --- | --- |
| Phosphorus | ppm | 956 | 565 | --- | --- |
| Barium | ppm | 5 | 34 | --- | --- |
| Boron | ppm | 143 | 16 | --- | --- |

Depot: VOLVO8879
Unique No: 10738403
Signed: Don Baldrige
Report Date: 14 Nov 2023



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GRAPHS

