



CONSTRUCTION EQUIPMENT

SWO-065605 VOLVO A30F 82223 - GEARBOX



Sample No: VCP433645
Oil Type: NOT GIVEN
Job No: SWO-065605



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP433645 | VCP433460 | --- | --- |
| Sample Date | 08 Sep 2023 | 07 Sep 2023 | --- | --- |
| Machine Hours | 3759 | 3759 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | N/A | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

SAIIA CONSTRUCTION LLC

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OIL CONDITION

| | | | | | |
|-------------|-----|------------|------|-----|-----|
| Visc @ 40°C | cSt | 310 | 44.6 | --- | --- |
|-------------|-----|------------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|----------|---|-----|-----|
| Silicon | ppm | 7 | 8 | --- | --- |
| Sodium | ppm | 8 | 5 | --- | --- |
| Potassium | ppm | 5 | 3 | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|-----|-----|
| Iron | ppm | 99 | 26 | --- | --- |
| Copper | ppm | <1 | 86 | --- | --- |
| Lead | ppm | <1 | 21 | --- | --- |
| Tin | ppm | 0 | 5 | --- | --- |
| Aluminum | ppm | 1 | 0 | --- | --- |
| Chromium | ppm | 1 | 1 | --- | --- |
| Molybdenum | ppm | 6 | 1 | --- | --- |
| Nickel | ppm | 0 | 0 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 3 | <1 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------------|-----|-----|-----|
| Calcium | ppm | 63 | 172 | --- | --- |
| Magnesium | ppm | 14 | 3 | --- | --- |
| Zinc | ppm | 211 | 509 | --- | --- |
| Phosphorus | ppm | 1000 | 451 | --- | --- |
| Barium | ppm | 0 | 0 | --- | --- |
| Boron | ppm | 79 | 11 | --- | --- |

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.

Depot: SAIBIR
Unique No: 10646465
Signed: Don Baldrige
Report Date: 18 Sep 2023



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GRAPHS

