



CONSTRUCTION EQUIPMENT

X27863 IAA VOLVO L90G 617295 - DIESEL ENGINE



Sample No: VCP366523
Oil Type: {unknown}
Job No: X27863 IAA



SCOTT EQUIPMENT COMPANY LLC - Saint Rose
PO BOX 997
SAINT ROSE, LA
US 70087
Contact: STEPHEN SALMERON
ssalmeron@scottcompanies.com
T: (504)461-0961
F: (504)461-0970



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP366523 | --- | --- | --- |
| Sample Date | 20 Mar 2024 | --- | --- | --- |
| Machine Hours | 15717 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |



OIL CONDITION

| | | | | | |
|------------------|----------|--------|-----|-----|-----|
| Visc @ 100°C | cSt | █ 12.5 | --- | --- | --- |
| Base Number (BN) | mg KOH/g | █ 11.3 | --- | --- | --- |
| Oxidation (PA) | % | 80 | --- | --- | --- |



CONTAMINATION

| | | | | | |
|----------------|-----|-------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Soot % | % | █ 0.3 | --- | --- | --- |
| Nitration (PA) | % | 56 | --- | --- | --- |
| Sulfation (PA) | % | 62 | --- | --- | --- |
| Glycol | % | NEG | --- | --- | --- |
| Fuel | % | <1.0 | --- | --- | --- |
| Silicon | ppm | █ 8 | --- | --- | --- |
| Sodium | ppm | ▲ 237 | --- | --- | --- |
| Potassium | ppm | ▲ 54 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █ 17 | --- | --- | --- |
| Copper | ppm | █ 2 | --- | --- | --- |
| Lead | ppm | █ <1 | --- | --- | --- |
| Tin | ppm | █ <1 | --- | --- | --- |
| Aluminum | ppm | █ 5 | --- | --- | --- |
| Chromium | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | █ 45 | --- | --- | --- |
| Nickel | ppm | █ <1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | █ 0 | --- | --- | --- |
| Manganese | ppm | <1 | --- | --- | --- |
| Vanadium | ppm | <1 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 1743 | --- | --- | --- |
| Magnesium | ppm | █ 480 | --- | --- | --- |
| Zinc | ppm | █ 1100 | --- | --- | --- |
| Phosphorus | ppm | █ 944 | --- | --- | --- |
| Barium | ppm | █ 2 | --- | --- | --- |
| Boron | ppm | █ 47 | --- | --- | --- |

Diagnosis

We advise that you check for the source of the coolant leak. Check for low coolant level. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. Sodium and/or potassium levels are high. The BN result indicates that there is suitable alkalinity remaining in the oil.

Depot: SCOSAI
Unique No: 10938887
Signed: Jonathan Hester
Report Date: 26 Mar 2024



CONSTRUCTION EQUIPMENT



GRAPHS

