



CONSTRUCTION EQUIPMENT

X59083 VOLVO A25G 752880 - DIESEL ENGINE



Sample No: VCP426487
Oil Type: {unknown}
Job No: X59083



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | VCP426487 | VCP413450 | --- | --- |
| Sample Date | 10 Jan 2024 | 04 Oct 2023 | --- | --- |
| Machine Hours | 917 | 627 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Changed | Changed | --- | --- |
| Sample Status | NORMAL | ABNORMAL | --- | --- |

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



OIL CONDITION

| | | | | | |
|------------------|----------|------|------|-----|-----|
| Visc @ 100°C | cSt | 12.1 | 11.3 | --- | --- |
| Base Number (BN) | mg KOH/g | 9.4 | 5.6 | --- | --- |
| Oxidation (PA) | % | 79 | 57 | --- | --- |



CONTAMINATION

| | | | | | |
|----------------|-----|------|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Soot % | % | 0.3 | 0.4 | --- | --- |
| Nitration (PA) | % | 61 | 78 | --- | --- |
| Sulfation (PA) | % | 62 | 53 | --- | --- |
| Glycol | % | NEG | NEG | --- | --- |
| Fuel | % | <1.0 | 0.6 | --- | --- |
| Silicon | ppm | 9 | 32 | --- | --- |
| Sodium | ppm | 0 | 4 | --- | --- |
| Potassium | ppm | 2 | 4 | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|----|-----|-----|-----|
| Iron | ppm | 11 | 23 | --- | --- |
| Copper | ppm | 69 | 315 | --- | --- |
| Lead | ppm | 0 | <1 | --- | --- |
| Tin | ppm | <1 | 3 | --- | --- |
| Aluminum | ppm | 2 | 6 | --- | --- |
| Chromium | ppm | <1 | <1 | --- | --- |
| Molybdenum | ppm | 47 | 79 | --- | --- |
| Nickel | ppm | <1 | <1 | --- | --- |
| Titanium | ppm | <1 | 4 | --- | --- |
| Silver | ppm | <1 | <1 | --- | --- |
| Manganese | ppm | <1 | 4 | --- | --- |
| Vanadium | ppm | 0 | <1 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|------|-----|-----|
| Calcium | ppm | 1826 | 2083 | --- | --- |
| Magnesium | ppm | 471 | 60 | --- | --- |
| Zinc | ppm | 1169 | 1163 | --- | --- |
| Phosphorus | ppm | 1024 | 963 | --- | --- |
| Barium | ppm | 0 | 2 | --- | --- |
| Boron | ppm | 44 | 36 | --- | --- |

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Depot: SCOSAI
Unique No: 10831291
Signed: Don Baldrige
Report Date: 16 Jan 2024

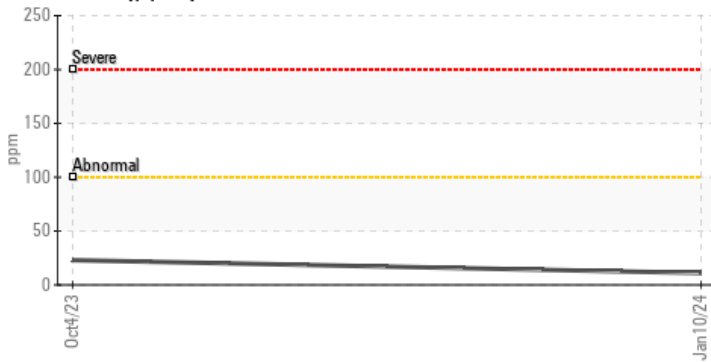


CONSTRUCTION EQUIPMENT

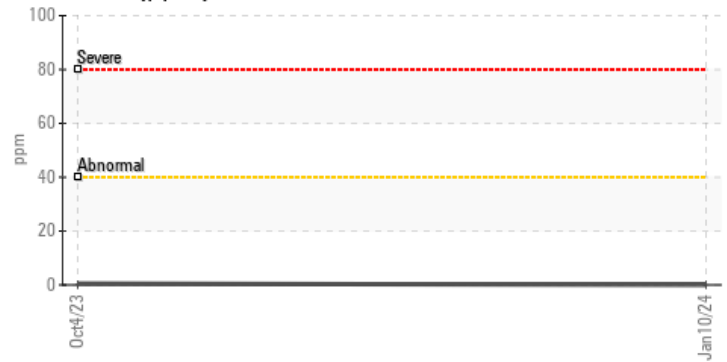


GRAPHS

Iron (ppm)



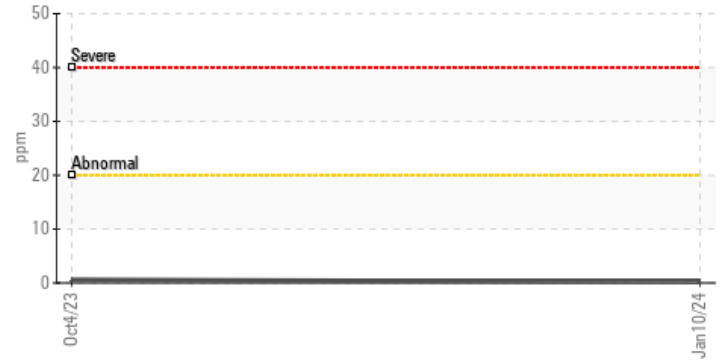
Lead (ppm)



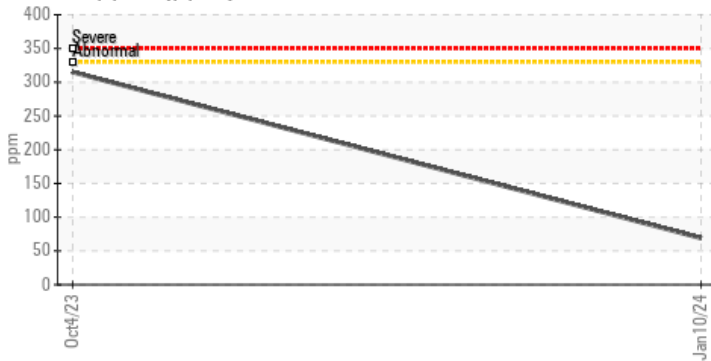
Aluminum (ppm)



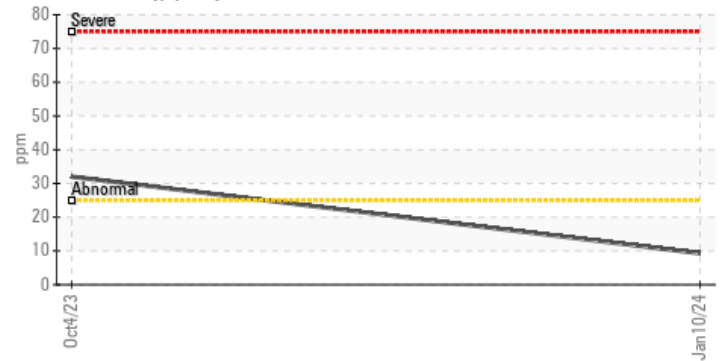
Chromium (ppm)



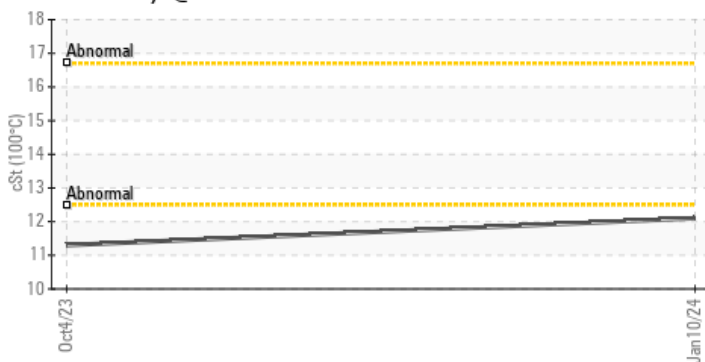
Copper (ppm)



Silicon (ppm)



Viscosity @ 100°C



Base Number

