



CONSTRUCTION EQUIPMENT

RE BECKER VOLVO EC350EL 314069 - TRANSMISSION



Sample No: VCP327477
Oil Type: VOLVO AT 102
Job No: RE BECKER



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP327477 | --- | --- | --- |
| Sample Date | 29 Sep 2021 | --- | --- | --- |
| Machine Hours | 1626 | --- | --- | --- |
| Oil Hours | 1500 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
8418 PALM RIVER ROAD
TAMPA, FL
US 33619
Contact: KENNY HANEY
khaney@flaglerce.com
T: (813)630-0077
F: (813)630-2233



OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ▲ 186 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | ■ 10 | --- | --- | --- |
| Sodium | ppm | ■ <1 | --- | --- | --- |
| Potassium | ppm | ■ <1 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Iron | ppm | ▲ 492 | --- | --- | --- |
| Copper | ppm | ■ 21 | --- | --- | --- |
| Lead | ppm | ■ <1 | --- | --- | --- |
| Tin | ppm | ■ <1 | --- | --- | --- |
| Aluminum | ppm | ■ 6 | --- | --- | --- |
| Chromium | ppm | ■ 4 | --- | --- | --- |
| Molybdenum | ppm | ■ <1 | --- | --- | --- |
| Nickel | ppm | <1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | ■ 6 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | ▲ 11 | --- | --- | --- |
| Magnesium | ppm | ■ 2 | --- | --- | --- |
| Zinc | ppm | ■ 23 | --- | --- | --- |
| Phosphorus | ppm | ■ 400 | --- | --- | --- |
| Barium | ppm | ■ 2 | --- | --- | --- |
| Boron | ppm | ▲ 5 | --- | --- | --- |

Diagnosis

We advise an early resample to confirm this situation. Gear wear is indicated. There is no indication of any contamination in the fluid. The fluid viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

Depot: VOLVO0093
Unique No: 9696422
Signed: Doug Bogart
Report Date: 13 Oct 2021

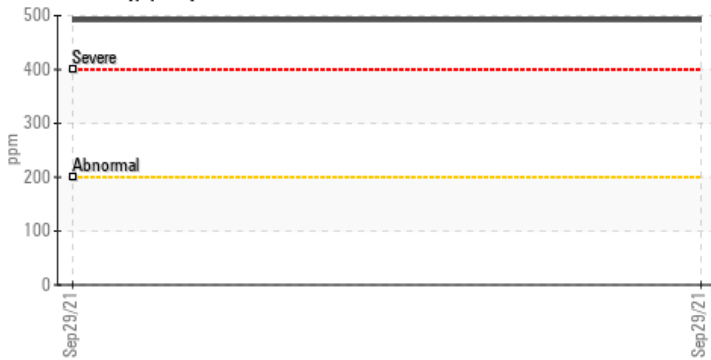


CONSTRUCTION EQUIPMENT

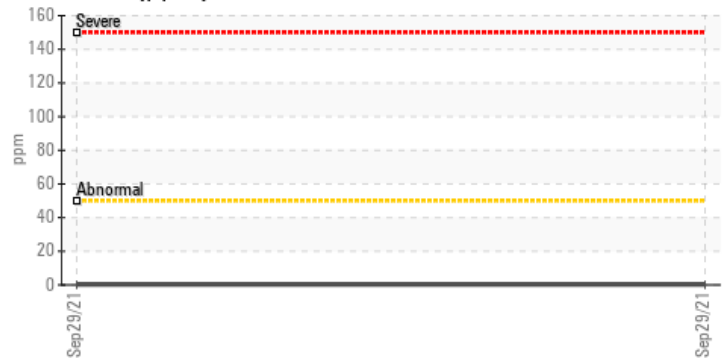


GRAPHS

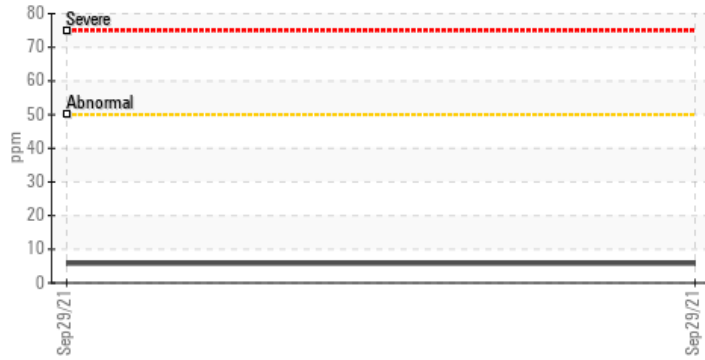
▲ Iron (ppm)



Lead (ppm)



Aluminum (ppm)



Chromium (ppm)



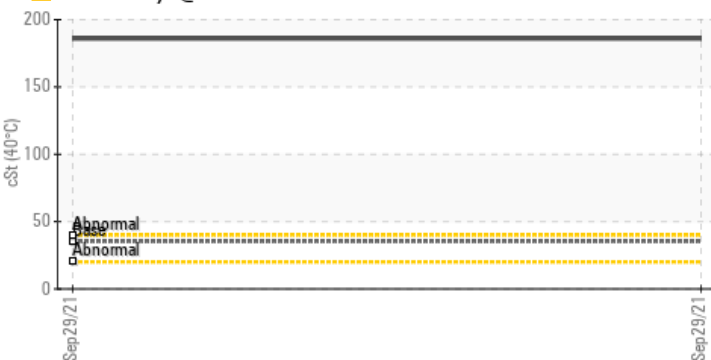
Copper (ppm)



Silicon (ppm)



▲ Viscosity @ 40°C



▲ Additives

