

LIEBHERR

CONSTRUCTION EQUIPMENT



HITACHI ZW370-6 15586 (S/N 6108) - Rear Differential

Sample No: LH0243244

Oil Type: TDTO FLUID SAE 50



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0243244 | --- | --- | --- |
| Sample Date | 20 Mar 2024 | --- | --- | --- |
| Machine Hours | 1271 | --- | --- | --- |
| Oil Hours | 1271 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

RECO EQUIPMENT INC
 8075 PRODUCTION DRIVE
 FLORENCE, KY
 US 41042
 Contact: TRACEY EDGERTON
 tedgerton@recoequip.com
 T:
 F: (859)727-7974



OIL CONDITION

| | | | | | |
|-------------|-----|---------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 184.9 | --- | --- | --- |
|-------------|-----|---------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | ● 38 | --- | --- | --- |
| Sodium | ppm | ● 2 | --- | --- | --- |
| Potassium | ppm | ● 2 | --- | --- | --- |

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. 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.



WEAR METALS

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Iron | ppm | ● 203 | --- | --- | --- |
| Copper | ppm | ● 59 | --- | --- | --- |
| Lead | ppm | ● 1 | --- | --- | --- |
| Tin | ppm | ● 4 | --- | --- | --- |
| Aluminum | ppm | ● 2 | --- | --- | --- |
| Chromium | ppm | ● 2 | --- | --- | --- |
| Molybdenum | ppm | ● <1 | --- | --- | --- |
| Nickel | ppm | ● <1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | <1 | --- | --- | --- |
| Manganese | ppm | ● 2 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

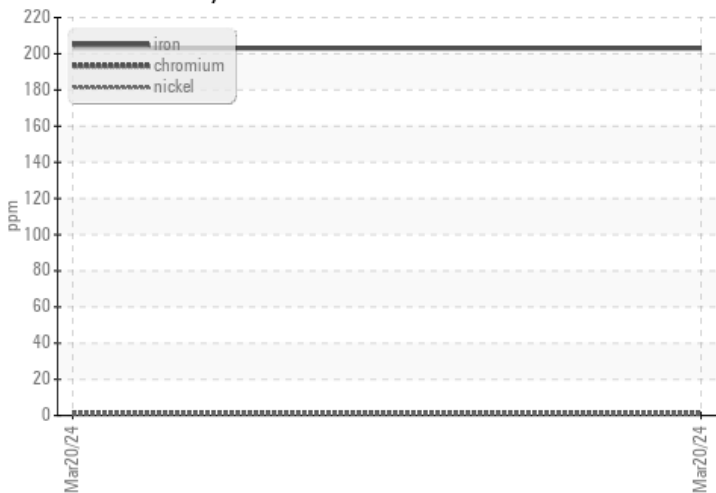
| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | ● 3565 | --- | --- | --- |
| Magnesium | ppm | ● 15 | --- | --- | --- |
| Zinc | ppm | ● 2191 | --- | --- | --- |
| Phosphorus | ppm | ● 1223 | --- | --- | --- |
| Barium | ppm | ● 1 | --- | --- | --- |
| Boron | ppm | ● 107 | --- | --- | --- |

Depot: LEC0082
Unique No: 10940978
Signed: Doug Bogart
Report Date: 22 Mar 2024

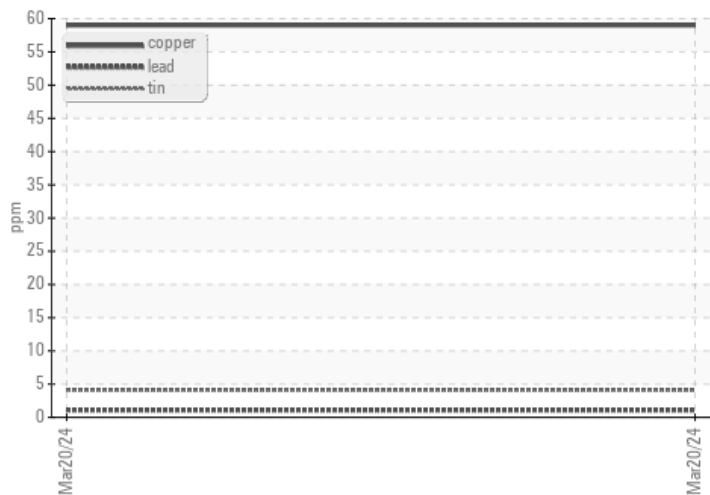


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

