

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 1484-53615 - Splitter Box

Sample No: LH0268228

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | LH0268228 | LH0181945 | --- | --- |
| Sample Date | 16 Jan 2024 | 20 Mar 2023 | --- | --- |
| Machine Hours | 3981 | 3043 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Changed | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

ALTER RECYCLINE - DUBUQUE
 PO BOX 390
 WEBSTER, NY
 US 14580
 Contact: SERVICE MANAGER



OIL CONDITION

| | | | | | |
|-------------|-----|-------|-------|-----|-----|
| Visc @ 40°C | cSt | ● 118 | ● 114 | --- | --- |
|-------------|-----|-------|-------|-----|-----|

T:
F:



CONTAMINATION

| | | | | | |
|-----------|-----|-----|------|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | ● 0 | ● <1 | --- | --- |
| Sodium | ppm | ● 0 | ● 2 | --- | --- |
| Potassium | ppm | ● 2 | ● <1 | --- | --- |

Diagnosis

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 | ● 11 | ● 18 | --- | --- |
| Copper | ppm | ● <1 | ● <1 | --- | --- |
| Lead | ppm | ● 0 | ● 0 | --- | --- |
| Tin | ppm | ● <1 | ● 0 | --- | --- |
| Aluminum | ppm | ● 2 | ● <1 | --- | --- |
| Chromium | ppm | ● <1 | ● <1 | --- | --- |
| Molybdenum | ppm | ● 2 | ● 10 | --- | --- |
| Nickel | ppm | ● 0 | ● 0 | --- | --- |
| Titanium | ppm | <1 | <1 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | ● 0 | ● <1 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

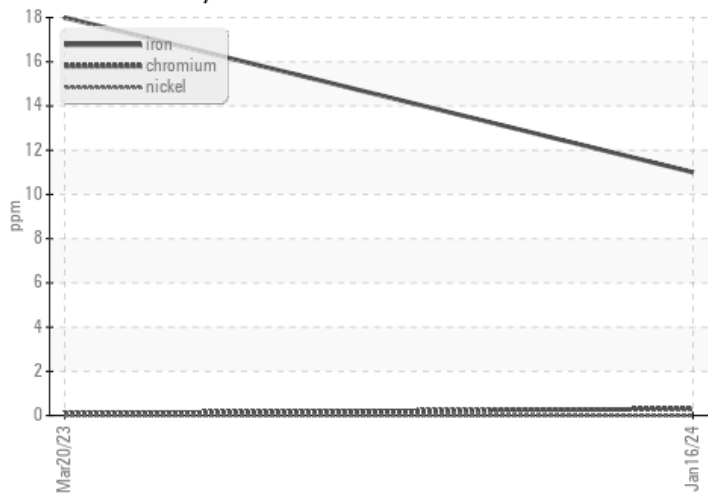
| | | | | | |
|------------|-----|-------|-------|-----|-----|
| Calcium | ppm | ● 36 | ● 144 | --- | --- |
| Magnesium | ppm | ● 11 | ● 56 | --- | --- |
| Zinc | ppm | ● 18 | ● 84 | --- | --- |
| Phosphorus | ppm | ● 808 | ● 938 | --- | --- |
| Barium | ppm | ● 0 | ● 0 | --- | --- |
| Boron | ppm | ● 4 | ● 66 | --- | --- |

Depot: ALTWEB
 Unique No: 10856296
 Signed: Sean Felton
 Report Date: 31 Jan 2024

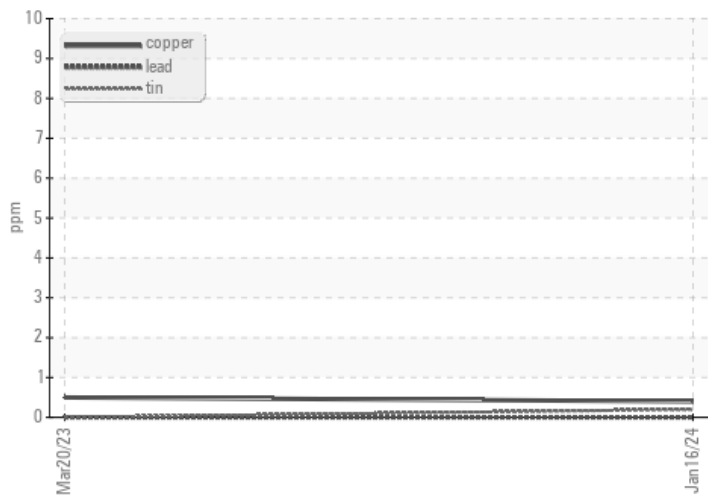


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

