

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LR636 016362-1275 - Hydraulic System

Sample No: LH0264416
 Oil Type: NOT GIVEN



CENTRAL POWER SYSTEMS AND SERVICES - LIBERTY
 1900 PLUMBERS WAY
 LIBERTY, MO
 US
 Contact: BROCK MCNEIL
 brock.mcneil@cpower.com
 T:
 F:



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0264416 | --- | --- | --- |
| Sample Date | 02 Aug 2023 | --- | --- | --- |
| Machine Hours | 1785 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |



OIL CONDITION

| | | | | | |
|------------------|----------|------|-----|-----|-----|
| Visc @ 40°C | cSt | 46.7 | --- | --- | --- |
| Acid Number (AN) | mg KOH/g | 1.27 | --- | --- | --- |



CONTAMINATION

| | | | | | |
|-------------------|-----|----------|-----|-----|-----|
| Particles >4µm | | 64152 | --- | --- | --- |
| Particles >6µm | | 8487 | --- | --- | --- |
| Particles >14µm | | 216 | --- | --- | --- |
| ISO 4406:1999 (c) | | 23/20/15 | --- | --- | --- |
| Silicon | ppm | 10 | --- | --- | --- |
| Sodium | ppm | 7 | --- | --- | --- |
| Potassium | ppm | 3 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|----|-----|-----|-----|
| Iron | ppm | 8 | --- | --- | --- |
| Copper | ppm | 11 | --- | --- | --- |
| Lead | ppm | 2 | --- | --- | --- |
| Tin | ppm | <1 | --- | --- | --- |
| Aluminum | ppm | 3 | --- | --- | --- |
| Chromium | ppm | <1 | --- | --- | --- |
| Molybdenum | ppm | 0 | --- | --- | --- |
| Nickel | ppm | <1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | <1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 1286 | --- | --- | --- |
| Magnesium | ppm | 7 | --- | --- | --- |
| Zinc | ppm | 692 | --- | --- | --- |
| Phosphorus | ppm | 570 | --- | --- | --- |
| Barium | ppm | 2 | --- | --- | --- |
| Boron | ppm | 0 | --- | --- | --- |

Diagnosis

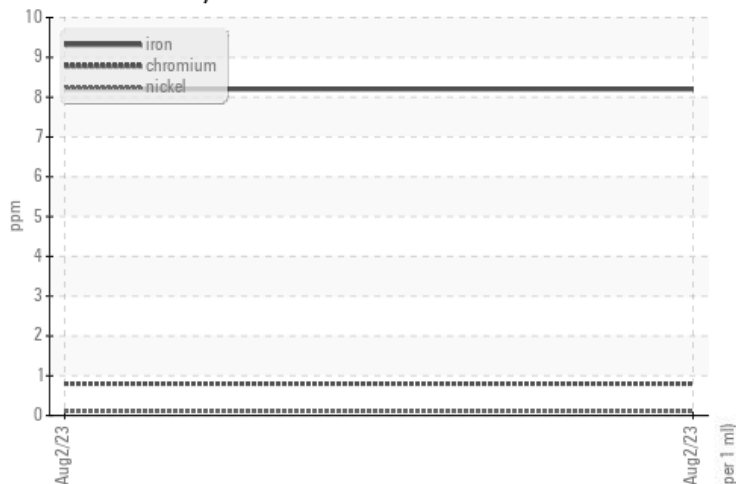
No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: CENLIB
 Unique No: 10633558
 Signed: Don Baldrige
 Report Date: 08 Sep 2023

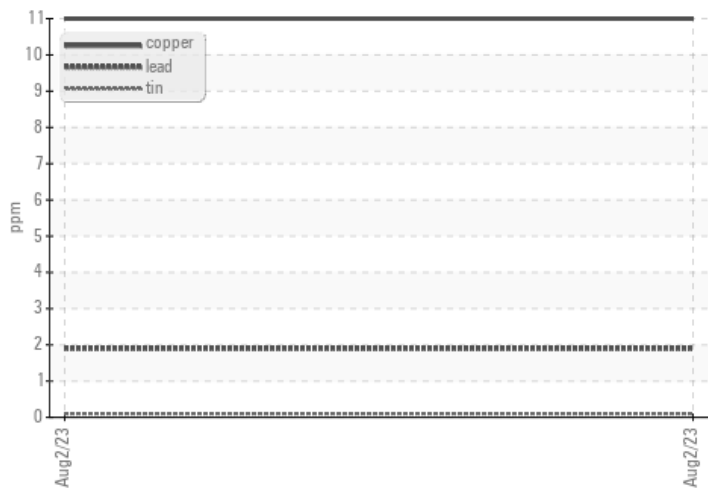


GRAPHS

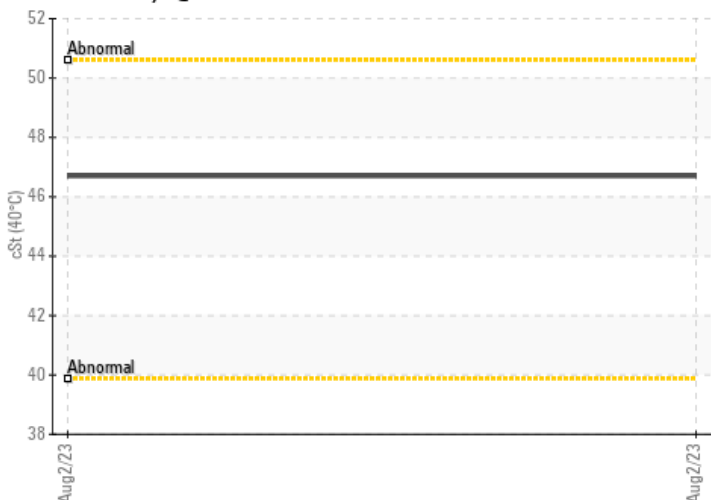
Ferrous Alloys



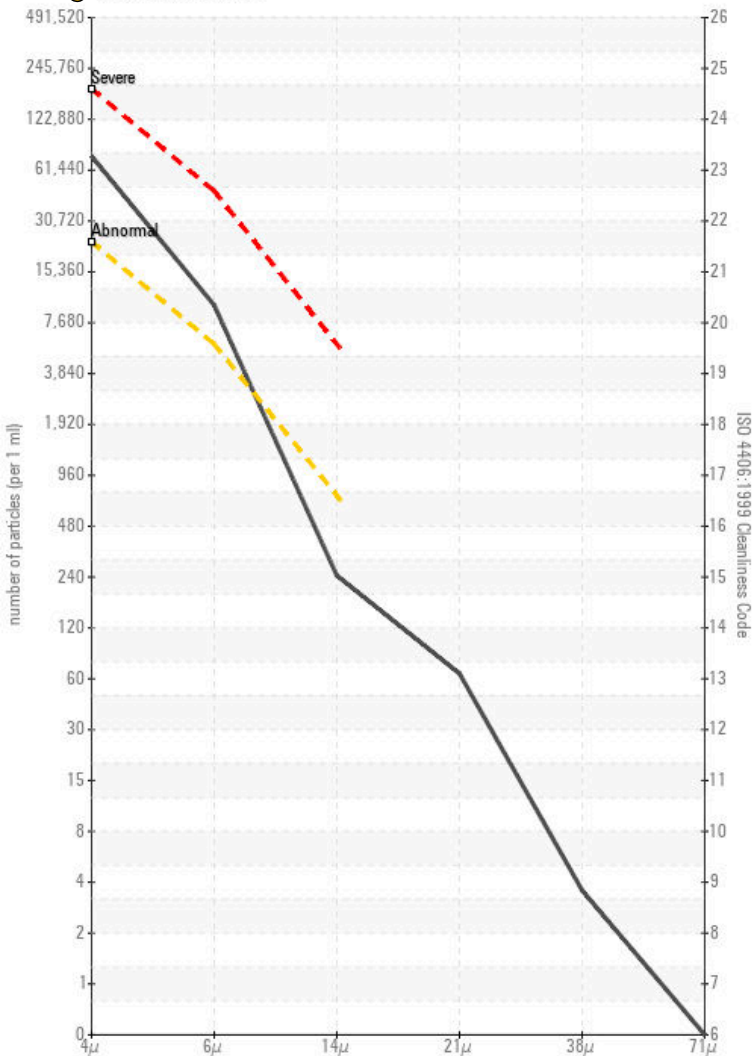
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

