

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR716LGP 017367-1423 - Hydraulic System

Sample No: LH0243479

Oil Type: NOT GIVEN



NUECES POWER EQUIPMENT
 5201 US HWY 59
 VICTORIA, TX
 US 77905
 Contact: TROY HAMMAN
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 T:
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SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0243479 | --- | --- | --- |
| Sample Date | 29 Sep 2023 | --- | --- | --- |
| Machine Hours | 2374 | --- | --- | --- |
| Oil Hours | 2374 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | ATTENTION | --- | --- | --- |



OIL CONDITION

| | | | | | |
|------------------|----------|------|-----|-----|-----|
| Visc @ 40°C | cSt | 46.0 | --- | --- | --- |
| Acid Number (AN) | mg KOH/g | 1.05 | --- | --- | --- |



CONTAMINATION

| | | | | | |
|-------------------|-----|----------|-----|-----|-----|
| Particles >4µm | | 38723 | --- | --- | --- |
| Particles >6µm | | 9475 | --- | --- | --- |
| Particles >14µm | | 539 | --- | --- | --- |
| ISO 4406:1999 (c) | | 22/20/16 | --- | --- | --- |
| Silicon | ppm | 4 | --- | --- | --- |
| Sodium | ppm | 6 | --- | --- | --- |
| Potassium | ppm | 1 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|----|-----|-----|-----|
| Iron | ppm | 7 | --- | --- | --- |
| Copper | ppm | 7 | --- | --- | --- |
| Lead | ppm | 2 | --- | --- | --- |
| Tin | ppm | 0 | --- | --- | --- |
| Aluminum | ppm | 2 | --- | --- | --- |
| Chromium | ppm | <1 | --- | --- | --- |
| Molybdenum | ppm | 0 | --- | --- | --- |
| Nickel | ppm | 0 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | <1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 1761 | --- | --- | --- |
| Magnesium | ppm | 7 | --- | --- | --- |
| Zinc | ppm | 925 | --- | --- | --- |
| Phosphorus | ppm | 770 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 1 | --- | --- | --- |

Diagnosis

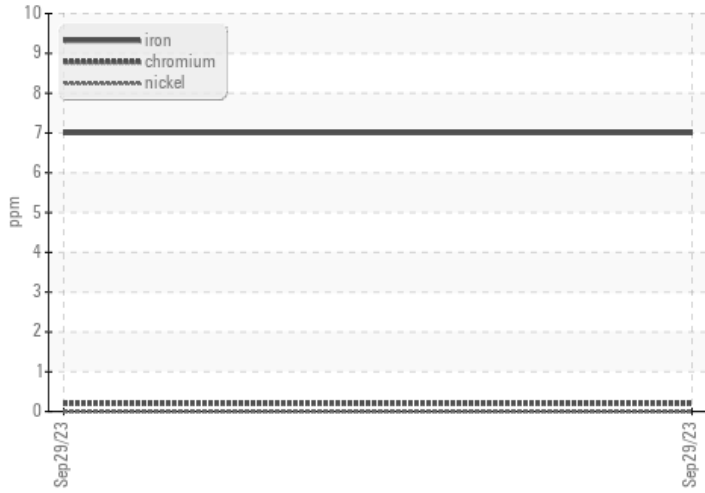
The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: NUEVIC
 Unique No: 10682258
 Signed: Wes Davis
 Report Date: 06 Oct 2023

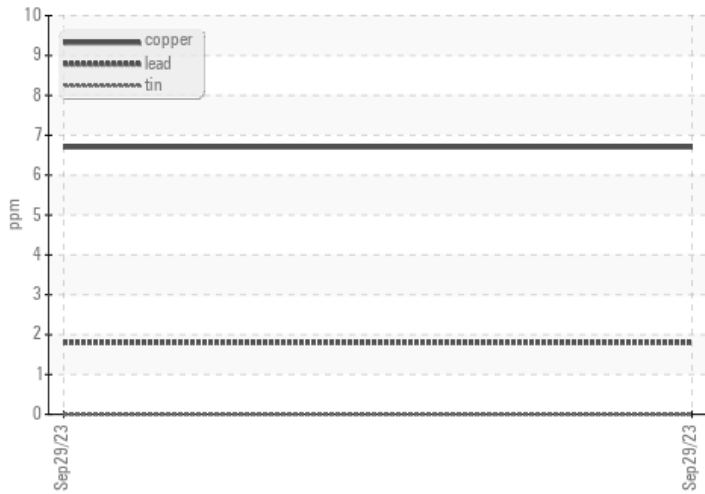


GRAPHS

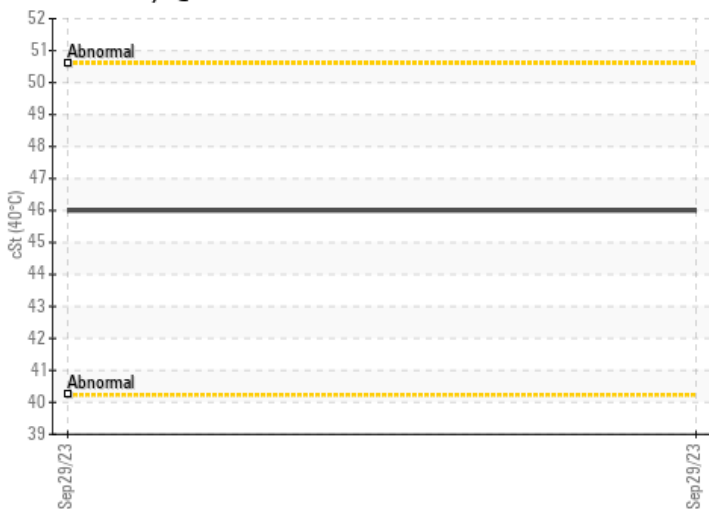
Ferrous Alloys



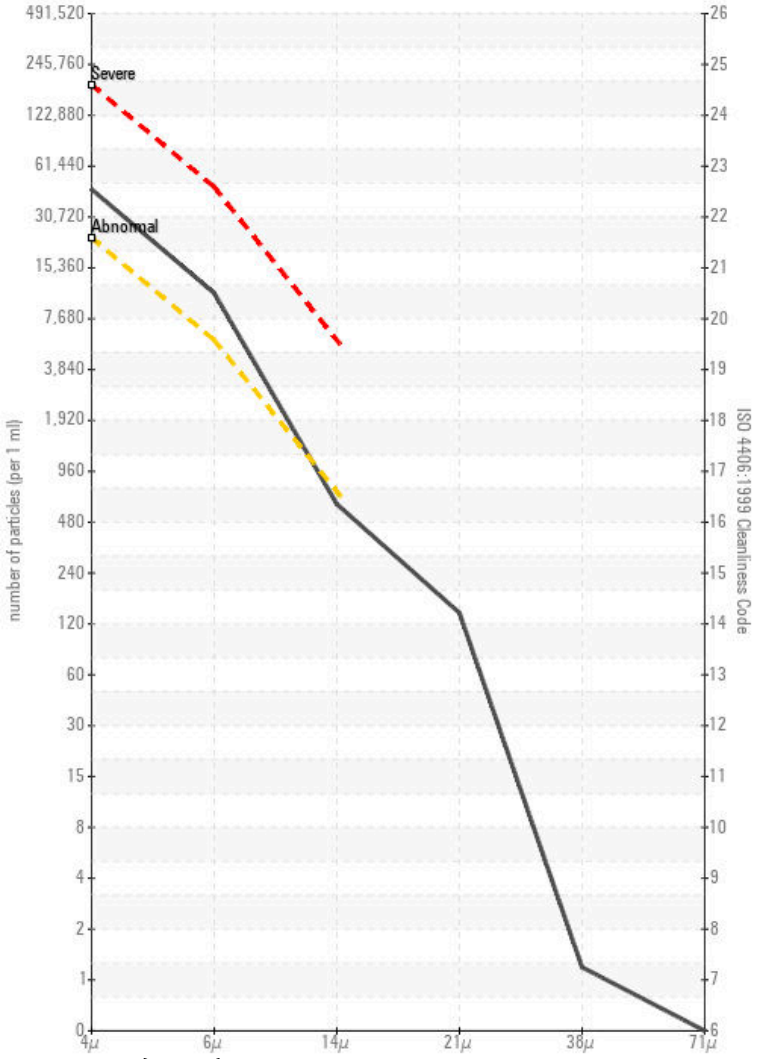
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

