

LIEBHERR

CONSTRUCTION EQUIPMENT



C17391(S/N 68573) - Front Right Planetary

Sample No: LH0217127

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0217127 | --- | --- | --- |
| Sample Date | 07 Mar 2024 | --- | --- | --- |
| Machine Hours | 986 | --- | --- | --- |
| Oil Hours | 986 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

NUECES POWER EQUIPMENT
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 US 77061
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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 190 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | ● 13 | --- | --- | --- |
| Sodium | ppm | ● 4 | --- | --- | --- |
| Potassium | ppm | ● 2 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. 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 | ● 202 | --- | --- | --- |
| Copper | ppm | ● <1 | --- | --- | --- |
| Lead | ppm | ● 0 | --- | --- | --- |
| Tin | ppm | ● 0 | --- | --- | --- |
| Aluminum | ppm | ● <1 | --- | --- | --- |
| Chromium | ppm | ● 2 | --- | --- | --- |
| Molybdenum | ppm | ● 0 | --- | --- | --- |
| Nickel | ppm | ● 2 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | ● 4 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | 38 | --- | --- | --- |
| Magnesium | ppm | ● 0 | --- | --- | --- |
| Zinc | ppm | ● 73 | --- | --- | --- |
| Phosphorus | ppm | ● 2433 | --- | --- | --- |
| Barium | ppm | ● 2 | --- | --- | --- |
| Boron | ppm | ● 1 | --- | --- | --- |

Depot: LIEBHERRTX
Unique No: 10940086
Signed: Wes Davis
Report Date: 24 Mar 2024



GRAPHS

