

LIEBHERR

CONSTRUCTION EQUIPMENT



[[20230348]] LIEBHERR LR636 25196CONESEAL - Right Unknown Co

Sample No: LH0265731
 Oil Type: NOT GIVEN



Cambrian Excavators
 33 Terracon Place
 Winnipeg, MB
 CA R2J 4B3
 Contact: JOHN OEKERS

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SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0265731 | --- | --- | --- |
| Sample Date | 01 Aug 2023 | --- | --- | --- |
| Machine Hours | 519 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|------|-----|-----|-----|
| Visc @ 40°C | cSt | 37.9 | --- | --- | --- |
|-------------|-----|------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|----|-----|-----|-----|
| Silicon | ppm | 3 | --- | --- | --- |
| Sodium | ppm | 9 | --- | --- | --- |
| Potassium | ppm | <1 | --- | --- | --- |



WEAR METALS

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



ADDITIVES

| | | | | | |
|------------|-----|-----|-----|-----|-----|
| Calcium | ppm | 116 | --- | --- | --- |
| Magnesium | ppm | 37 | --- | --- | --- |
| Zinc | ppm | 544 | --- | --- | --- |
| Phosphorus | ppm | 450 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 4 | --- | --- | --- |

Diagnosis

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Please provide more complete information on your next sample. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Component wear rates appear to be normal (unconfirmed). There is no indication of any contamination in the component (unconfirmed). Viscosity of sample indicates oil is within ISO 32 range, advise investigate. The condition of the sample is acceptable for the time in service.

Depot: CAMWIN
 Unique No: 5620766
 Signed: Kevin Marson
 Report Date: 15 Aug 2023



GRAPHS

