

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR736LGP 022432-1736 - Left Final Drive

Sample No: LH0269781
 Oil Type: NOT GIVEN



KMC MINING CORPORATION
 28712 114 AVENUE
 ACHESON, AB
 CA T7X 6E6
 Contact: Service Manager



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0269781 | --- | --- | --- |
| Sample Date | 05 Nov 2023 | --- | --- | --- |
| Machine Hours | 3729 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Visc @ 40°C | cSt | 192 | --- | --- | --- |
|-------------|-----|-----|-----|-----|-----|

T:
F:



CONTAMINATION

| | | | | | |
|-----------|-----|----|-----|-----|-----|
| Silicon | ppm | 23 | --- | --- | --- |
| Sodium | ppm | 2 | --- | --- | --- |
| Potassium | ppm | <1 | --- | --- | --- |

Diagnosis

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 no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|-----|-----|-----|-----|
| Iron | ppm | 167 | --- | --- | --- |
| Copper | ppm | 32 | --- | --- | --- |
| Lead | ppm | <1 | --- | --- | --- |
| Tin | ppm | <1 | --- | --- | --- |
| Aluminum | ppm | 4 | --- | --- | --- |
| Chromium | ppm | 2 | --- | --- | --- |
| Molybdenum | ppm | 0 | --- | --- | --- |
| Nickel | ppm | <1 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | <1 | --- | --- | --- |
| Manganese | ppm | 1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 2086 | --- | --- | --- |
| Magnesium | ppm | 8 | --- | --- | --- |
| Zinc | ppm | 635 | --- | --- | --- |
| Phosphorus | ppm | 985 | --- | --- | --- |
| Barium | ppm | 14 | --- | --- | --- |
| Boron | ppm | 3 | --- | --- | --- |

Depot: KMCACH
 Unique No: 5671453
 Signed: Kevin Marson
 Report Date: 07 Nov 2023



GRAPHS

