

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 1217-94975 - Front Transmission

Sample No: LHMC116252

Oil Type: {unknown}



AMERICAN STATE EQUIPMENT CO. (RENTAL TO ARCELOR MITTAL)
138 HWY 3217
LAPLACE, LA
US 70068
Contact: SERVICE MANAGER

T: (414)541-8700
F:



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LHMC116252 | --- | --- | --- |
| Sample Date | 02 May 2019 | --- | --- | --- |
| Machine Hours | 4802 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Visc @ 40°C | cSt | 184 | --- | --- | --- |
|-------------|-----|-----|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | 3 | --- | --- | --- |
| Sodium | ppm | 3 | --- | --- | --- |
| Potassium | ppm | 0 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|----|-----|-----|-----|
| Iron | ppm | 30 | --- | --- | --- |
| Copper | ppm | 25 | --- | --- | --- |
| Lead | ppm | 0 | --- | --- | --- |
| Tin | ppm | 0 | --- | --- | --- |
| Aluminum | ppm | <1 | --- | --- | --- |
| Chromium | ppm | <1 | --- | --- | --- |
| Molybdenum | ppm | 1 | --- | --- | --- |
| Nickel | ppm | <1 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | <1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 4 | --- | --- | --- |
| Magnesium | ppm | <1 | --- | --- | --- |
| Zinc | ppm | 18 | --- | --- | --- |
| Phosphorus | ppm | 1013 | --- | --- | --- |
| Barium | ppm | 309 | --- | --- | --- |
| Boron | ppm | 2 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. 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.

Depot: AMELAP
Unique No: 8615501
Signed: Don Baldrige
Report Date: 31 May 2019



GRAPHS

