

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 142304-1216 - Splitter Box

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



PRODUITS FORESTIERS D.G. LTEE
 313 RANG ST-JOSEPH
 STE-AURELIE, QC
 CA G0M 1M0
 Contact: Roger .

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SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH | --- | --- | --- |
| Sample Date | 25 Jul 2023 | --- | --- | --- |
| Machine Hours | 3000 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 114 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Silicon | ppm | ● 1 | --- | --- | --- |
| Sodium | ppm | ● 1 | --- | --- | --- |
| Potassium | ppm | ● <1 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | ● 19 | --- | --- | --- |
| 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 | ● <1 | --- | --- | --- |
| Vanadium | ppm | ● 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | ● 26 | --- | --- | --- |
| Magnesium | ppm | ● 3 | --- | --- | --- |
| Zinc | ppm | ● 21 | --- | --- | --- |
| Phosphorus | ppm | ● 1051 | --- | --- | --- |
| Barium | ppm | ● 0 | --- | --- | --- |
| Boron | ppm | ● 127 | --- | --- | --- |

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

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: PRO9STE
Unique No: 5618104
Signed: Wes Davis
Report Date: 28 Jul 2023



GRAPHS

