

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R945 055435-1866 - Splitter Box

Sample No: LH0252132

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | LH0252132 | LH0256975 | --- | --- |
| Sample Date | 31 Jul 2023 | 27 Mar 2023 | --- | --- |
| Machine Hours | 1467 | 1015 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Changed | Changed | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|-----|-----|-----|-----|
| Visc @ 40°C | cSt | 120 | 185 | --- | --- |
|-------------|-----|-----|-----|-----|-----|



CONTAMINATION

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



WEAR METALS

| | | | | | |
|------------|-----|----|----|-----|-----|
| Iron | ppm | 19 | 30 | --- | --- |
| Copper | ppm | <1 | <1 | --- | --- |
| Lead | ppm | 0 | <1 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | <1 | <1 | --- | --- |
| Chromium | ppm | 0 | <1 | --- | --- |
| Molybdenum | ppm | 0 | 0 | --- | --- |
| Nickel | ppm | <1 | 0 | --- | --- |
| Titanium | ppm | 0 | <1 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | <1 | <1 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|------|-----|-----|
| Calcium | ppm | 8 | 11 | --- | --- |
| Magnesium | ppm | 1 | 2 | --- | --- |
| Zinc | ppm | 17 | 15 | --- | --- |
| Phosphorus | ppm | 1454 | 1665 | --- | --- |
| Barium | ppm | 0 | 0 | --- | --- |
| Boron | ppm | 197 | 15 | --- | --- |

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: CLOPEM
 Unique No: 5630858
 Signed: Wes Davis
 Report Date: 23 Aug 2023



GRAPHS

