

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR HS855 188213 - Boom Winch

Sample No: LH0286779

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



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 CA L7L 5Y6
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SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-------------|-----|-----|
| Sample Number | LH0286779 | LH0266064 | --- | --- |
| Sample Date | 25 Mar 2024 | 24 Jun 2023 | --- | --- |
| Machine Hours | 30563 | 27674 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Changed | Changed | --- | --- |
| Sample Status | NORMAL | ABNORMAL | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|------|-----|-----|-----|
| Visc @ 40°C | cSt | 98.7 | 105 | --- | --- |
|-------------|-----|------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 0 | 3 | --- | --- |
| Sodium | ppm | <1 | 1 | --- | --- |
| Potassium | ppm | <1 | 1 | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|---|----|-----|-----|
| Iron | ppm | 7 | 47 | --- | --- |
| Copper | ppm | 4 | <1 | --- | --- |
| Lead | ppm | 0 | 0 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | 0 | <1 | --- | --- |
| Chromium | ppm | 0 | <1 | --- | --- |
| Molybdenum | ppm | 0 | 0 | --- | --- |
| Nickel | ppm | 0 | 0 | --- | --- |
| Titanium | ppm | 0 | 2 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 0 | <1 | --- | --- |
| Vanadium | ppm | 0 | <1 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|------|-----|-----|
| Calcium | ppm | 10 | 17 | --- | --- |
| Magnesium | ppm | 2 | 3 | --- | --- |
| Zinc | ppm | 17 | 50 | --- | --- |
| Phosphorus | ppm | 1025 | 1277 | --- | --- |
| Barium | ppm | <1 | 4 | --- | --- |
| Boron | ppm | 166 | 189 | --- | --- |

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.

Diagnosis

Depot: MCNBUR
 Unique No: 5759846
 Signed: Wes Davis
 Report Date: 04 Apr 2024

Contact/Location: A McNally - MCNBUR



GRAPHS

