

LIEBHERR

CONSTRUCTION EQUIPMENT



[TECHNICORE] 116005 - Right Swing Drive

Sample No: LH0270481

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | LH0270481 | --- | --- | --- |
| Sample Date | 27 Sep 2023 | --- | --- | --- |
| Machine Hours | 7090 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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 1015 SUTTON DRIVE
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OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 91.0 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

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

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.



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | ● 29 | --- | --- | --- |
| Copper | ppm | ● <1 | --- | --- | --- |
| Lead | ppm | ● 0 | --- | --- | --- |
| Tin | ppm | ● 0 | --- | --- | --- |
| Aluminum | ppm | ● <1 | --- | --- | --- |
| Chromium | ppm | ● <1 | --- | --- | --- |
| Molybdenum | ppm | ● 0 | --- | --- | --- |
| Nickel | ppm | ● <1 | --- | --- | --- |
| Titanium | ppm | ● 0 | --- | --- | --- |
| Silver | ppm | ● <1 | --- | --- | --- |
| Manganese | ppm | ● 0 | --- | --- | --- |
| Vanadium | ppm | ● 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | ● 16 | --- | --- | --- |
| Magnesium | ppm | ● 46 | --- | --- | --- |
| Zinc | ppm | ● 14 | --- | --- | --- |
| Phosphorus | ppm | ● 1235 | --- | --- | --- |
| Barium | ppm | ● 1 | --- | --- | --- |
| Boron | ppm | ● 317 | --- | --- | --- |

Depot: LIEMIS
 Unique No: 5656291
 Signed: Wes Davis
 Report Date: 05 Oct 2023



GRAPHS

