



OIL ANALYSIS REPORT

| | |
|-----------------|---------------|
| WEAR | NORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Area
JBS310PLUS-46
Machine Id
BOGE 5094191 - DAL-TILE
Component
Compressor

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

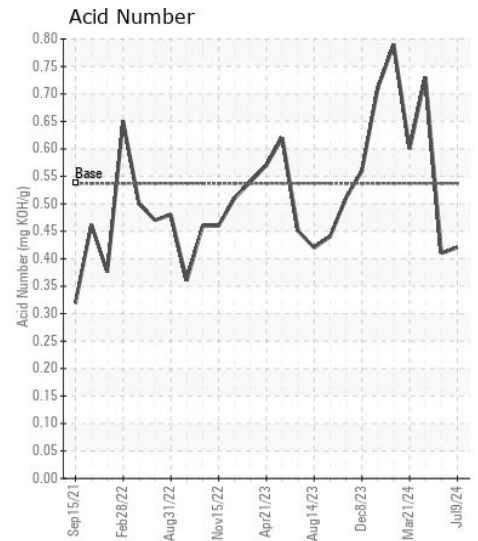
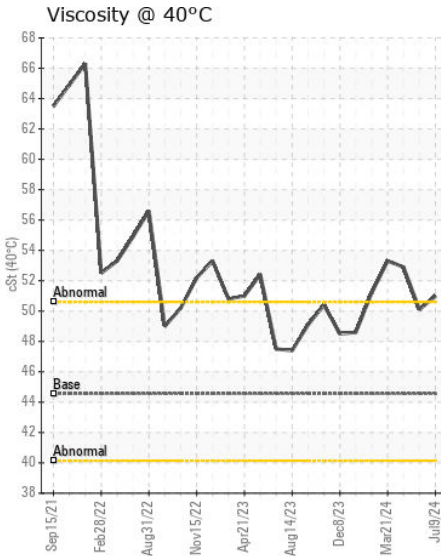
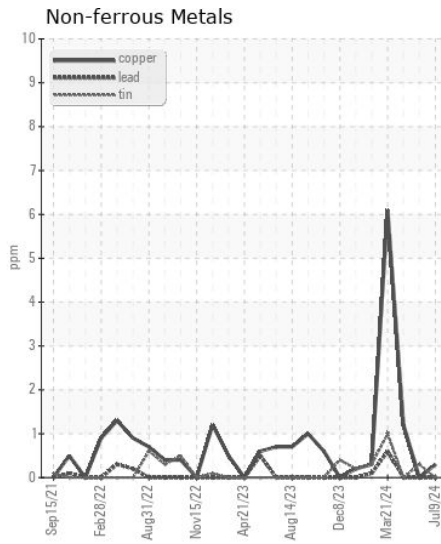
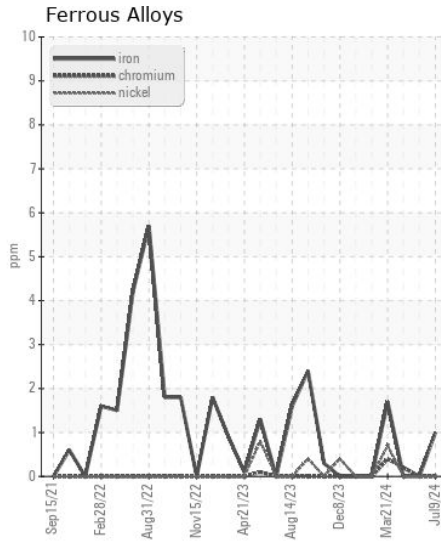
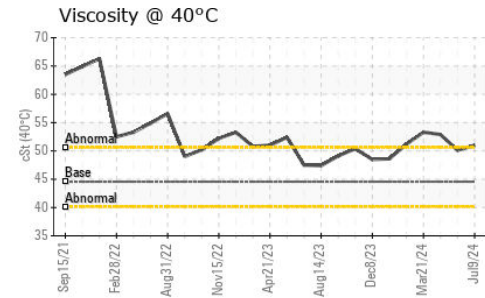
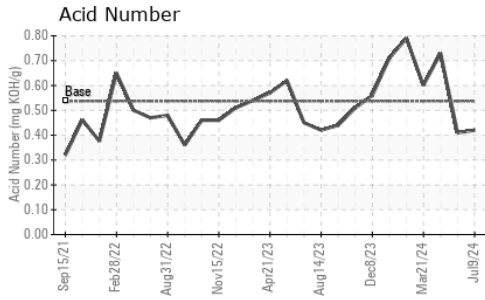
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | UCH06240475 | UCH06199344 | UCH06169101 |
| Sample Date | | Client Info | | 09 Jul 2024 | 24 May 2024 | 11 Apr 2024 |
| Machine Age | hrs | Client Info | | 49484 | 48793 | 0 |
| Oil Age | hrs | Client Info | | 933 | 242 | 2727 |
| Filter Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | N/A | N/A | N/A |
| Filter Changed | | Client Info | | N/A | N/A | N/A |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

| | | | | | | |
|--------------|--------|-------------|------|--------------|------|------|
| Iron | ppm | ASTM D5185m | >50 | 1 | 0 | 0 |
| Chromium | ppm | ASTM D5185m | >10 | 0 | 0 | <1 |
| Nickel | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >25 | 0 | 0 | 0 |
| Lead | ppm | ASTM D5185m | >25 | 0 | 0 | 0 |
| Copper | ppm | ASTM D5185m | >50 | <1 | 0 | 1 |
| Tin | ppm | ASTM D5185m | >15 | 0 | <1 | 0 |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >25 | <1 | <1 | 0 |
| Potassium | ppm | ASTM D5185m | >20 | 0 | <1 | 1 |
| Water | | WC Method | >0.1 | NEG | NEG | NEG |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | NONE | NONE | NONE |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Appearance | scalar | *Visual | NORML | NORML | NORML | NORML |
| Odor | scalar | *Visual | NORML | NORML | NORML | NORML |
| Emulsified Water | scalar | *Visual | >0.1 | NEG | NEG | NEG |

| | | | | | | |
|------------------|----------|-------------|-------|--------------|------|------|
| Sodium | ppm | ASTM D5185m | | <1 | 1 | 0 |
| Boron | ppm | ASTM D5185m | 0.1 | 0 | 0 | 0 |
| Barium | ppm | ASTM D5185m | 0.8 | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | 0 | 0 | 0 | 0 |
| Manganese | ppm | ASTM D5185m | 0.9 | 0 | <1 | <1 |
| Magnesium | ppm | ASTM D5185m | 0 | 0 | 0 | <1 |
| Calcium | ppm | ASTM D5185m | 0 | 0 | 0 | <1 |
| Phosphorus | ppm | ASTM D5185m | 409 | 305 | 339 | 352 |
| Zinc | ppm | ASTM D5185m | 0 | 45 | 49 | 93 |
| Sulfur | ppm | ASTM D5185m | 1290 | 1091 | 1333 | 1036 |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | 0.537 | 0.42 | 0.41 | 0.73 |
| Visc @ 40°C | cSt | ASTM D445 | 44.56 | 51.0 | 50.1 | 52.9 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06240475 **Received** : 18 Jul 2024
Lab Number : **06240475** **Tested** : 19 Jul 2024
Unique Number : 11129309 **Diagnosed** : 20 Jul 2024 - Don Baldridge
Test Package : IND 2

JOHN BOUCHARD & SONS
 1024 HARRISON ST.
 NASHVILLE, TN
 US 37203
 Contact: STEVE SANDERS
 Steve.sanders@jbouchard.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:
F: (865)544-1400