

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

{UNASSIGNED} Machine Id Sutphen Quint 272 (HS-7433)

Hydraulic System

{not provided} (--- GAL)

| RECOMMENDATION | RE | COM | MEN | DATI | ON |
|----------------|----|-----|-----|------|----|
|----------------|----|-----|-----|------|----|

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

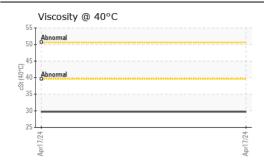
There is no indication of any contamination in the oil.

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

| | | | | · · · · · · | | |
|---|--|---|------------------------|---|--------------|--------------|
| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
| Sample Number | | Client Info | | WC0917765 | | |
| Sample Date | | Client Info | | 17 Apr 2024 | | |
| Machine Age | hrs | Client Info | | 0 | | |
| Oil Age | hrs | Client Info | | 0 | | |
| Filter Age | hrs | Client Info | | 0 | | |
| Oil Changed | | Client Info | | N/A | | |
| Filter Changed | | Client Info | | N/A | | |
| Sample Status | | | | NORMAL | | |
| Iron | nnm | ASTM D5185m | >20 | 0 | | |
| Chromium | ppm ppm | ASTM D5185m | >10 | 0 | | |
| Nickel | | ASTM D5185m | >10 | 0 | | |
| Titanium | ppm ppm | ASTM D5185m | >10 | 0 | | |
| Silver | ppm | ASTM D5185m | | 0 | | |
| Aluminum | | ASTM D5185m | >10 | 0 | | |
| Lead | ppm | ASTM D5185m | >10 | 0 | | |
| Copper | ppm ppm | ASTM D5185m | >75 | <1 | | |
| Tin | ppm | ASTM D5185m | >10 | 0 | | |
| Vanadium | ppm | ASTM D5185m | >10 | 0 | | |
| White Metal | scalar | *Visual | NONE | NONE | | |
| Yellow Metal | scalar | *Visual | NONE | NONE | | |
| | Jouran | visual | | | | |
| Silicon | ppm | ASTM D5185m | >20 | 0 | | |
| Potassium | ppm | ASTM D5185m | >20 | 0 | | |
| Water | | WC Method | >0.1 | NEG | | |
| | | | | | | |
| Silt | scalar | *Visual | NONE | NONE | | |
| Silt Debris | scalar scalar | | NONE NONE | NONE NONE | | |
| | | *Visual | _ | | | |
| Debris | scalar | *Visual *Visual | NONE | NONE | | |
| Debris Sand/Dirt | scalar scalar | *Visual *Visual *Visual | NONE | NONE | | |
| Debris Sand/Dirt Appearance | scalar scalar scalar | *Visual *Visual *Visual *Visual | NONE NONE NORML | NONE NONE NORML | | |
| Debris Sand/Dirt Appearance Odor Emulsified Water | scalar scalar scalar scalar scalar | *Visual *Visual *Visual *Visual *Visual | NONE NORML NORML | NONE NORML NORML NEG | | |
| Debris Sand/Dirt Appearance Odor Emulsified Water Sodium | scalar scalar scalar scalar scalar ppm | *Visual *Visual *Visual *Visual *Visual ASTM D5185m | NONE NORML NORML | NONE NORML NORML NEG | | |
| Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron | scalar scalar scalar scalar scalar ppm ppm | *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m | NONE NORML NORML | NONE NORML NORML NEG 1 10 | | |
| Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium | scalar scalar scalar scalar scalar ppm ppm | *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m | NONE NORML NORML | NONE NORML NORML NEG 1 10 0 | | |
| Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum | scalar scalar scalar scalar scalar ppm ppm ppm | *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m | NONE NORML NORML | NONE NORML NORML NEG 1 10 0 0 | | |
| Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese | scalar scalar scalar scalar scalar ppm ppm ppm ppm | *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | NONE NORML NORML | NONE NORML NORML NEG 1 10 0 0 0 | | |
| Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium | scalar scalar scalar scalar ppm ppm ppm ppm ppm | *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m | NONE NORML NORML | NONE NORML NORML NEG 1 10 0 0 0 0 0 0 | | |
| Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium | scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm | *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | NONE NORML NORML | NONE NORML NORML NEG 1 10 0 0 0 | | |
| Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium | scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm | *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | NONE NORML NORML | NONE NORML NORML NEG 1 10 0 0 0 0 0 31 | | |
| Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium | scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm | *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | NONE NORML NORML | NONE NORML NORML NEG 1 10 0 0 0 0 0 0 31 135 | | |
| Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc | scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm | *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | NONE NORML NORML | NONE NORML NORML NEG 1 10 0 0 0 0 0 0 31 135 60 | | |

Submitted By: RANDY PRICE



Ferrous Alloys 10 mqq C Apr17/24 2010 P Non-ferrous Metals 10 lead mdo Apr17/24 or17/7 Viscosity @ 40°C 52 48 46 44 42 ŝ 38 31 34 30 28 Apr17/24 -Apr17/24



: WearCheck USA - 501 Madison Ave., Cary, NC 27513 MARYSVILLE FIRE DEPARTMENT Laboratory Sample No. : WC0917765 Received : 10 May 2024 209 SOUTH MAIN Lab Number : 06176409 Tested : 13 May 2024 MARYSVILLE, OH Unique Number : 11022462 Diagnosed : 14 May 2024 - Sean Felton US 43040 Test Package : FLEET Contact: NATHAN BURNS Certificate L2367 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. T: (937)642-2065 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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