

OIL ANALYSIS REPORT

Sample Rating Trend





HB260-1

Component **Fluid**

NOT GIVEN (--- QTS)

| | Α. | ~ N | 10 | CI | 0 |
|----|----|-----|----|----|---|
| DI | А١ | a۱ | VU | SI | 5 |

Recommendation

This is a baseline read-out on the submitted sample.

| | | | | Dec2023 | | |
|--|---|---|--------------|--|--|--------------------------------------|
| SAMPLE INFORM | /ATION | method | limit/base | current | history1 | history2 |
| | MATION | | IIIIIII Dase | | | |
| Sample Number | | Client Info | | WC06028284 | | |
| Sample Date | | Client Info | | 06 Dec 2023 | | |
| Machine Age | mls | Client Info | | 0 | | |
| Oil Age | mls | Client Info | | 0 | | |
| Oil Changed Sample Status | | Client Info | | N/A NORMAL | | |
| | | | | NORWAL | | |
| CONTAMINATION | ١ | method | limit/base | current | history1 | history2 |
| Water | | WC Method | | NEG | | |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| Iron | ppm | ASTM D5185m | | 0 | | |
| Chromium | ppm | ASTM D5185m | | 0 | | |
| Nickel | ppm | ASTM D5185m | | 0 | | |
| Titanium | ppm | ASTM D5185m | | 0 | | |
| Silver | ppm | ASTM D5185m | | 0 | | |
| Aluminum | ppm | ASTM D5185m | | 0 | | |
| Lead | ppm | ASTM D5185m | | 0 | | |
| Copper | ppm | ASTM D5185m | | <1 | | |
| Tin | ppm | ASTM D5185m | | <1 | | |
| Vanadium | ppm | ASTM D5185m | | 0 | | |
| Cadmium | ppm | ASTM D5185m | | 0 | | |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185m | | 0 | | |
| Barium | ppm | ASTM D5185m | | 0 | | |
| Molybdenum | | | | | | |
| , | ppm | ASTM D5185m | | 0 | | |
| Manganese | ppm | ASTM D5185m ASTM D5185m | | 0 <1 | | |
| | | | | _ | | |
| Manganese | ppm | ASTM D5185m | | <1 | | |
| Manganese Magnesium | ppm ppm | ASTM D5185m ASTM D5185m | | <1 | | |
| Manganese Magnesium Calcium | ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m | | <1 0 0 | | |
| Manganese Magnesium Calcium Phosphorus | ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | | <1 0 0 3 | | |
| Manganese Magnesium Calcium Phosphorus Zinc | ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | limit/base | <1 0 0 3 0 | | |
| Manganese Magnesium Calcium Phosphorus Zinc Sulfur | ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | limit/base | <1 0 0 3 0 18 | | |
| Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS | ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | limit/base | <1 0 0 3 0 18 | | |
| Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon | ppm ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m | | <1 0 0 3 0 18 current | history1 | history2 |
| Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium | ppm ppm ppm ppm ppm ppm ppm | ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m | | <1 0 0 3 0 18 current | history1 | history2 |
| Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium | ppm ppm ppm ppm ppm ppm ppm | ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | >20 | <1 0 0 3 0 18 current 1 1 | history1 | history2 |
| Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium SAMPLE IMAGES | ppm ppm ppm ppm ppm ppm ppm | ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m | >20 | <1 0 0 3 0 18 current 1 1 2 | history1 history1 | history2 history2 |



OIL ANALYSIS REPORT



Laboratory Sample No.

Lab Number

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC06028284 : 06028284 Unique Number : 10778075

Received Diagnosed

: 07 Dec 2023 : 07 Dec 2023

Diagnostician : Doug Bogart Test Package : TEST (Additional Tests: ICP)

US 48642 Contact: BRYAN DOLE To discuss this sample report, contact Customer Service at 1-800-237-1369. bdole@xaerusfluids.com

* - 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)

Report Id: XAEMID [WUSCAR] 06028284 (Generated: 12/07/2023 16:43:23) Rev: 1

Contact/Location: BRYAN DOLE - XAEMID

T:

F:

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