

OIL ANALYSIS REPORT

Arcelor Mittal - D00400 AM956-R

Component

Unknown Component

SHELL MORG OIL 220 (--- GAL)

Sample Rating Trend



Recommendation

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

Wear

Iron ppm levels are noted.

Contamination

{not applicable}

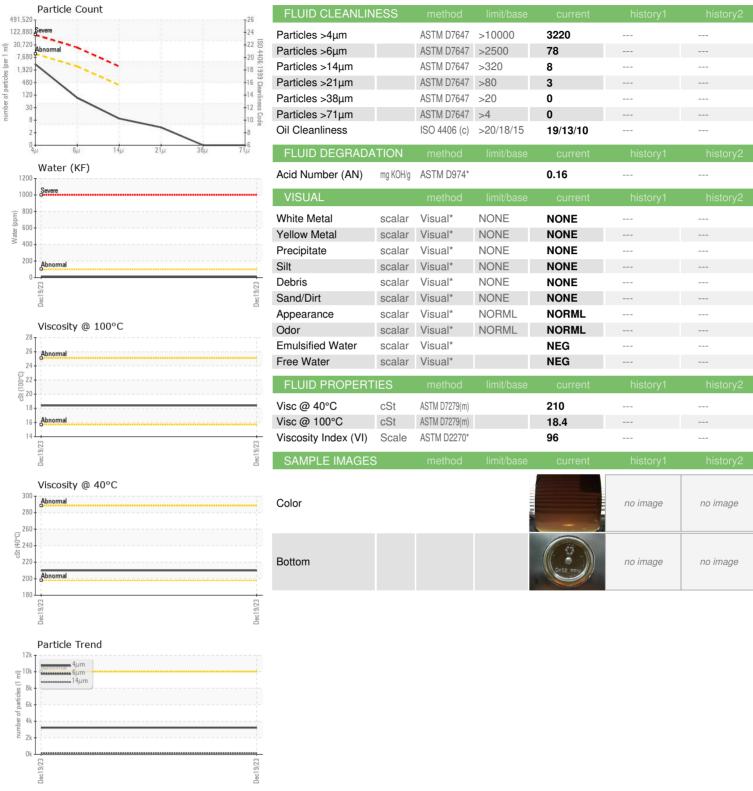
Fluid Condition

{not applicable}

| | | | | Dec2023 | | |
|------------------|--------|---------------|------------|-------------|----------|----------|
| SAMPLE INFORM | MATION | method | limit/base | current | history1 | history2 |
| Department | | Client Info | | Sales | | |
| Sample From | | Client Info | | Machine | | |
| Production Stage | | Client Info | | Lab Reclaim | | |
| Sent to WC | | Client Info | | 12/19/2023 | | |
| Sample Number | | Client Info | | E30001014 | | |
| Sample Date | | Client Info | | 19 Dec 2023 | | |
| Machine Age | hrs | Client Info | | 0 | | |
| Oil Age | hrs | Client Info | | 0 | | |
| Oil Changed | | Client Info | | N/A | | |
| Sample Status | | | | NORMAL | | |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| Iron | ppm | ASTM D5185(m) | | 22 | | |
| Chromium | ppm | ASTM D5185(m) | | <1 | | |
| Nickel | ppm | ASTM D5185(m) | | <1 | | |
| Titanium | ppm | ASTM D5185(m) | | 0 | | |
| Silver | ppm | ASTM D5185(m) | | 0 | | |
| Aluminum | ppm | ASTM D5185(m) | | <1 | | |
| Lead | ppm | ASTM D5185(m) | | <1 | | |
| Copper | ppm | ASTM D5185(m) | | 2 | | |
| Tin | ppm | ASTM D5185(m) | | <1 | | |
| Antimony | ppm | ASTM D5185(m) | | 0 | | |
| Vanadium | ppm | ASTM D5185(m) | | 0 | | |
| Beryllium | ppm | ASTM D5185(m) | | 0 | | |
| Cadmium | ppm | ASTM D5185(m) | | 0 | | |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185(m) | | <1 | | |
| Barium | ppm | ASTM D5185(m) | | 0 | | |
| Molybdenum | ppm | ASTM D5185(m) | | 0 | | |
| Manganese | ppm | ASTM D5185(m) | | 0 | | |
| Magnesium | ppm | ASTM D5185(m) | | 9 | | |
| Calcium | ppm | ASTM D5185(m) | | 12 | | |
| Phosphorus | ppm | ASTM D5185(m) | | 10 | | |
| Zinc | ppm | ASTM D5185(m) | | 7 | | |
| Sulfur | ppm | ASTM D5185(m) | | 3701 | | |
| Lithium | ppm | ASTM D5185(m) | | <1 | | |



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CALA ISO 17025:2017 Accredited

Laboratory

Laboratory Sample No. Lab Number **Unique Number**

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : E30001014

Recieved : 02604641 : 5697726

: 21 Dec 2023 Diagnosed : 04 Jan 2024 Diagnostician : Tatiana Sorkina Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, TAN Man, VI)

To discuss this sample report, contact Customer Service at 1-905-372-2251. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Environmental 360 Solutions Ltd.

640 Victoria Street Cobourg, ON **CA K9A 5H5** Contact: Tatiana Sorkina

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Validity of results and interpretation are based on the sample and information as supplied.