

LABORATORY ANALYSIS



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COPELAND (MHDS)
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Department **REYLAM - DIECAST**
Equipment No. **IHS01 INDUCTION FURNACE(DIECAST 1) (X0049)**
System **Unknown Component**
Oil Type **ENGINEERED LUBRICANTS EL-IHS-DISTILLED WATER (--- GAL)**

Diagnosis

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. All component wear rates are normal. There is no indication of any contamination in the sample. The condition of the sample is acceptable for the time in service.

Sample Information

| | | | | |
|---------------------|-----------|--------------------|-------------|-------------|
| Lab Number | New | 2404-01262 | 2401-00419 | 2310-00507 |
| Date of Sample | (Typical) | 24 Apr 2024 | 10 Jan 2024 | 27 Sep 2023 |
| Oil Added | | UNK | UNK | UNK |
| Last Drain Date | | -- | -- | -- |
| Last Filter Service | | -- | -- | -- |
| Sample Point | | --- | --- | --- |
| Sample Status | | NORMAL | NORMAL | NORMAL |

pH (ASTM E-70)

| | | | | |
|-------------|------------|-----------------|----------|----------|
| pH | Scale 0-14 | 6.8 | 6.4 | 6.6 |
| Ratio Rec'd | oil:water | AS REC'D | AS REC'D | AS REC'D |

HARDNESS (mg/L CaCO3)

| | | | | |
|------------------|------|----------------|------|------|
| Hardness (CaCO3) | mg/L | <6.6 | <6.6 | <6.6 |
| Grains | | <1.0 | <1.0 | <1.0 |

BACTERIA COUNT (Class Range 0 to 6)

| | | | | |
|----------------|-----------|----------|---|---|
| Bacteria Class | Scale 0-6 | 0 | 0 | 0 |
|----------------|-----------|----------|---|---|

FUNGUS COUNT (Class Ranges: Yeast 0 to 4/Mold 0 to 3)

| | | | | |
|-------------|-----------|----------|---|---|
| Yeast Class | Scale 0-4 | 0 | 0 | 0 |
| Mold Class | Scale 0-3 | 0 | 0 | 0 |

CONDUCTIVITY OF WATER

| | | | | |
|--------------|-----------|-------------|------|------|
| Conductivity | Micromhos | 34.3 | 26.0 | 28.0 |
|--------------|-----------|-------------|------|------|

Contamination

| | | | | |
|-------|--|------------|-----|-----|
| Water | | NEG | NEG | NEG |
|-------|--|------------|-----|-----|

Customer Id: MOTMCA
Sample No.: EN24041262
Lab Number: 24041262
Test Package: TEST



To manage this report scan the QR code

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FUEL REPORT