

# LABORATORY ANALYSIS



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**COPELAND (MHDS)**  
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Department **REYLAM - DIECAST**  
Equipment No. **IHS04 INDUCTION FURNACE(DIECAST04) (X0091)**  
System **Water**  
Oil Type **ENGINEERED LUBRICANTS EL-IHS-DISTILLED WATER (--- GAL)**

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

## Sample Information

Lab Number	New	<b>2404-01269</b>	---	---
Date of Sample	(Typical)	<b>24 Apr 2024</b>	---	---
Oil Added		<b>UNK</b>	---	---
Last Drain Date		<b>--</b>	---	---
Last Filter Service		<b>--</b>	---	---
Sample Point		<b>---</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## pH (ASTM E-70)

pH	Scale 0-14	<b>6.8</b>	---	---
Ratio Rec'd	oil:water	<b>AS REC'D</b>	---	---

## HARDNESS (mg/L CaCO3)

Hardness (CaCO3)	mg/L	<b>&lt;6.6</b>	---	---
Grains		<b>&lt;1.0</b>	---	---

## BACTERIA COUNT (Class Range 0 to 6)

Bacteria Class	Scale 0-6	<b>0</b>	---	---
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## FUNGUS COUNT (Class Ranges: Yeast 0 to 4/Mold 0 to 3)

Yeast Class	Scale 0-4	<b>0</b>	---	---
Mold Class	Scale 0-3	<b>0</b>	---	---

## CONDUCTIVITY OF WATER

Conductivity	Micromhos	<b>40.1</b>	---	---
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## Contamination

Water		<b>NEG</b>	---	---
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Customer Id: MOTMCA  
Sample No.: EN24041269  
Lab Number: 24041269  
Test Package: TEST



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To discuss the diagnosis or test data:  
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# FUEL REPORT