

# LABORATORY ANALYSIS



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Department **REYLAM - DIECAST**  
 Equipment No. **EPCO012 DIECASTER UNIT #12 (00056)**  
 System **Water**  
 Oil Type **ENGINEERED LUBRICANTS ENLUBE 205-FR (450 GAL)**

**COPELAND (MHDS)**  
 6001 S. 35TH STREET, SUITE D"  
 REYNOSA, ZZ  
 US  
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## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. There is no indication of any contamination in the oil. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

## Sample Information

Lab Number	New	<b>2403-00387</b>	2401-00403	2311-00174
Date of Sample	(Typical)	<b>13 Mar 2024</b>	10 Jan 2024	06 Nov 2023
Oil Added		<b>UNK</b>	UNK	UNK
Last Drain Date		--	--	--
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		<b>NORMAL</b>	ABNORMAL	SEVERE

## VISCOSITY @ 100F or 40C (ASTM D-445)

SSU Vis. @ 100F	SSU	213.0	<b>226.0</b>	241.7	224.5
cSt Vis. @ 40C	cSt	46.0	<b>44.97</b>	48.10	44.67

## ALKALINE RESERVE (ADDITION OF DEIONIZED WATER IS PREFERRED)

Alkaline Reserve		<b>181</b>	183	182
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## Hiac Particle Count/ISO 4406

4 Micron & Larger	particles/ml	>40000	<b>1,310</b>	6,320	18,670
6 Micron & Larger	particles/ml	>5000	<b>566</b>	2,376	10,092
14 Micron & Larger	particles/ml	>320	<b>136</b>	370	2,579
ISO Code	ISO 4406(c)	>22/19/15	<b>18/16/14</b>	20/18/16	21/21/19

## Contamination

Water		>55	<b>NEG</b>	NEG	NEG
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Customer Id: MOTMCA  
 Sample No.: EN24030387  
 Lab Number: 24030387  
 Test Package: TEST



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To discuss the diagnosis or test data:  
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# OIL ANALYSIS REPORT

