

# LABORATORY ANALYSIS



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Department **REYLAM - DIECAST**  
 Equipment No. **THT04 DIECASTER ASSET #FU7465 (00015)**  
 System **Water**  
 Oil Type **ENGINEERED LUBRICANTS ENLUBE 205-FR (150 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. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.

## Sample Information

Lab Number	New	<b>2401-00413</b>	2311-00182	2309-00509
Date of Sample	(Typical)	<b>10 Jan 2024</b>	06 Nov 2023	11 Sep 2023
Oil Added		<b>UNK</b>	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		<b>133.4</b>	131.4	129.6
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		<b>NORMAL</b>	ABNORMAL	ABNORMAL

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

SSU Vis. @ 100F	SSU	213.0	<b>211.6</b>	186.2	325.0
cSt Vis. @ 40C	cSt	46.0	<b>42.07</b>	36.96	64.66

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

Alkaline Reserve		<b>173</b>	164	177
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## Hiac Particle Count/ISO 4406

4 Micron & Larger	particles/ml	>40000	<b>17,434</b>	2,580	5,258
6 Micron & Larger	particles/ml	>5000	<b>4,321</b>	826	1,434
14 Micron & Larger	particles/ml	>320	<b>330</b>	83	151
ISO Code	ISO 4406(c)	>22/19/15	<b>21/19/16</b>	19/17/14	20/18/14

## Contamination

Water		>55	<b>NEG</b>	NEG	NEG
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**Customer Id:** MOTMCA  
**Sample No.:** EN24010413  
**Lab Number:** 24010413  
**Test Package:** TEST



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

