

# LABORATORY ANALYSIS



11525 Rock Island Court, St. Louis, MO 63043  
Tel: 1-800-876-0008 info@englube.com

Department **REYLAM - DIECAST**  
 Equipment No. **THT06 DIECASTER UNIT #6 (00017)**  
 System **Water**  
 Oil Type **ENGINEERED LUBRICANTS ENLUBE 205-FR (150 GAL)**

**COPELAND (MHDS)**  
 6001 S. 35TH STREET, SUITE D"  
 REYNOSA, ZZ  
 US  
 Contact: GERARDO GUERRERO  
 francisco.castillo@Copeland.com  
 T:  
 F:

## 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>2311-00184</b>	2309-00511	2307-00545
Date of Sample	(Typical)	<b>06 Nov 2023</b>	11 Sep 2023	07 Jul 2023
Oil Added		<b>UNK</b>	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		<b>162.0</b>	160.2	158.1
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		<b>NORMAL</b>	ABNORMAL	NORMAL

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

SSU Vis. @ 100F	SSU	213.0	<b>244.4</b>	353.9	222.9
cSt Vis. @ 40C	cSt	46.0	<b>48.65</b>	70.37	44.35

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

Alkaline Reserve		<b>174</b>	178	171
------------------	--	------------	-----	-----

## HIAC PARTICLE COUNT/ISO 4406

4 Micron & Larger	particles/ml	>40000	<b>5,450</b>	4,250	9,178
6 Micron & Larger	particles/ml	>5000	<b>1,785</b>	1,592	1,760
14 Micron & Larger	particles/ml	>320	<b>228</b>	215	176
ISO Code	ISO 4406(c)	>22/19/15	<b>20/18/15</b>	19/18/15	20/18/15

## CONTAMINATION

Water		>55	<b>NEG</b>	NEG	NEG
-------	--	-----	------------	-----	-----

Customer Id: MOTMCA  
 Sample No.: EN23110184  
 Lab Number: 23110184  
 Test Package: TEST



To manage this report scan the QR code

To discuss the diagnosis or test data:  
 David Godwin +1  
[dgodwin@englube.com](mailto:dgodwin@englube.com)

To change component or sample information:  
 Tracy Weaks +1 (314)872-9540  
[tweaks@englube.com](mailto:tweaks@englube.com)

# OIL ANALYSIS REPORT

