

LABORATORY ANALYSIS



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Department **REYLAM - DIECAST**
 Equipment No. **THT02 DIECASTER UNIT #2 (00013)**
 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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 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. Viscosity of sample indicates oil is within ISO 46 range, advise investigate. The condition of the oil is acceptable for the time in service.

Sample Information

Lab Number	New	2401-00411	2311-00180	2309-00507
Date of Sample	(Typical)	10 Jan 2024	06 Nov 2023	11 Sep 2023
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		268.1	266.0	264.2
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		NORMAL	ABNORMAL	ABNORMAL

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

SSU Vis. @ 100F	SSU	213.0	197.9	159.1	283.0
cSt Vis. @ 40C	cSt	46.0	39.33	31.47	56.32

ALKALINE RESERVE (ADDITION OF DEIONIZED WATER IS PREFERRED)

Alkaline Reserve		168	156	171
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Hiac Particle Count/ISO 4406

4 Micron & Larger	particles/ml	>40000	3,125	41,351	4,706
6 Micron & Larger	particles/ml	>5000	1,076	10,864	1,443
14 Micron & Larger	particles/ml	>320	184	769	157
ISO Code	ISO 4406(c)	>22/19/15	19/17/15	23/21/17	19/18/14

Contamination

Water		>55	NEG	NEG	NEG
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Customer Id: MOTMCA
 Sample No.: EN24010411
 Lab Number: 24010411
 Test Package: TEST



To manage this report scan the QR code

To discuss the diagnosis or test data:
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OIL ANALYSIS REPORT

