

LABORATORY ANALYSIS



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Department **REYLAM - DIECAST**
 Equipment No. **THT03 DIECASTER UNIT #3 (00014)**
 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
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 T:
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Diagnosis

This system has had elevated particulate levels for the past 3 samples and needs to be cleaner. Check seals and/or filters for points of contaminant entry. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend you service the filters on this component. Resample in 30-45 days to monitor this situation. All component wear rates are normal. There is a high amount of silt (particulates < 14 microns in size) present in the oil. The system cleanliness code is much higher than the acceptable limit for the target ISO 4406 cleanliness code. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Sample Information

Lab Number	New	2403-00395	2401-00412	2311-00181
Date of Sample	(Typical)	13 Mar 2024	10 Jan 2024	06 Nov 2023
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		135.4	133.4	131.4
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		SEVERE	ABNORMAL	ABNORMAL

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

SSU Vis. @ 100F	SSU	213.0	251.8	256.1	241.1
cSt Vis. @ 40C	cSt	46.0	50.12	50.98	47.98

ALKALINE RESERVE (ADDITION OF DEIONIZED WATER IS PREFERRED)

Alkaline Reserve		178	177	176
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Hiac Particle Count/ISO 4406

4 Micron & Larger	particles/ml	>40000	80,890	91,920	46,751
6 Micron & Larger	particles/ml	>5000	21,564	15,434	16,173
14 Micron & Larger	particles/ml	>320	3,548	396	1,953
ISO Code	ISO 4406(c)	>22/19/15	24/22/19	24/21/16	23/21/18

Contamination

Water		>55	NEG	NEG	NEG
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Customer Id: MOTMCA
 Sample No.: EN24030395
 Lab Number: 24030395
 Test Package: TEST



To manage this report scan the QR code

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OIL ANALYSIS REPORT

