

LABORATORY ANALYSIS



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Department **REYLAM - DIECAST**
 Equipment No. **GENERGY #1 (00059)**
 System **Unknown Component**
 Oil Type **ENGINEERED LUBRICANTS ENLUBE 205-FR (--- GAL)**

COPELAND (MHDS)
 6001 S. 35TH STREET, SUITE D"
 REYNOSA, ZZ
 US
 Contact: GERARDO GUERRERO
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 T:
 F:

Diagnosis

To correct the elevated viscosity please add 5 gallons of deionized water to the reservoir. Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. 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 sample. The system and fluid cleanliness is acceptable. Viscosity of sample indicates oil is above ISO 46 range, advise investigate. The condition of the sample is acceptable for the time in service after DI water is added.

Sample Information

Lab Number	New	2403-00402	2311-00188	2309-00515
Date of Sample	(Typical)	13 Mar 2024	06 Nov 2023	11 Sep 2023
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		ABNORMAL	NORMAL	NORMAL

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

SSU Vis. @ 100F	SSU	213.0	268.0	252.2	249.9
cSt Vis. @ 40C	cSt	46.0	▲ 53.34	■ 50.21	■ 49.74

ALKALINE RESERVE (ADDITION OF DEIONIZED WATER IS PREFERRED)

Alkaline Reserve		■ 171	■ 173	■ 175
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Hiac Particle Count/ISO 4406

4 Micron & Larger	particles/ml	>40000	■ 3,096	■ 2,897	■ 5,368
6 Micron & Larger	particles/ml	>5000	■ 1,023	■ 858	■ 1,800
14 Micron & Larger	particles/ml	>320	■ 156	■ 111	■ 291
ISO Code	ISO 4406(c)	>22/19/15	■ 19/17/14	■ 19/17/14	■ 20/18/15

Contamination

Water		>55	NEG	NEG	NEG
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Customer Id: MOTMCA
 Sample No.: EN24030402
 Lab Number: 24030402
 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

