

# LABORATORY ANALYSIS



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Department **REYLAM-PRESS**  
 Equipment No. **PRESS14 LAM PRESS #1(LAM LINE 1) (00026)**  
 System **Oil**  
 Oil Type **ENGINEERED LUBRICANTS ENLUBE 71-EP (--- 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. The condition of the oil is acceptable for the time in service.

## Sample Information

Lab Number	New	2404-00827	2401-00666	2310-00743
Date of Sample	(Typical)	05 Apr 2024	19 Jan 2024	10 Oct 2023
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		248.3	245.9	242.7
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		NORMAL	ATTENTION	NORMAL

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

SSU Vis. @ 100F	SSU	779.5	768.1	762.8
cSt Vis. @ 40C	cSt	150	146.4	145.3

## PARTICLE COUNT (PER 1ML)

ISO CODE	ISO 4406(c)	>23/22/16	23/21/12	24/20/12	21/20/16
4 Micron & Larger	particles/ml	>80000	47,840	80,352	17,170
6 Micron & Larger	particles/ml	>40000	17,960	7,490	5,617
14 Micron & Larger	particles/ml	>640	26	27	449
21 Micron & Larger	particles/ml	>160	4	4	125
38 Micron & Larger	particles/ml	>40	0	0	14
70 Micron & Larger	particles/ml	>10	0	0	1

## ICP - OILS (REPORTED IN PARTS PER MILLION)

Aluminum (Al)	ppm	<5	<5	<5
Antimony (Sb)	ppm	<5	<5	<5
Cadmium (Cd)	ppm	<5	<5	<5
Chromium (Cr)	ppm	<5	<5	<5
Cobalt (Co)	ppm	<5	<5	<5
Copper (Cu)	ppm	<5	<5	<5
Iron (Fe)	ppm	36	11	<5
Lead (Pb)	ppm	<5	<5	<5
Manganese (Mn)	ppm	<5	<5	<5
Molybdenum(Mo)	ppm	<5	<5	<5
Nickel (Ni)	ppm	<5	<5	<5
Silver (Ag)	ppm	<5	<5	<5
Tin (Sn)	ppm	<5	<5	<5
Titanium (Ti)	ppm	<5	<5	<5
Vanadium (V)	ppm	<5	<5	<5
Barium (Ba)	ppm	<5	<5	<5
Boron (B)	ppm	<5	<5	19
Calcium (Ca)	ppm	11	11	25
Magnesium (Mg)	ppm	<5	<5	<5
Phosphorus(P)	ppm	234	241	250
Silicon (Si)	ppm	<5	<5	<5
Zinc (Zn)	ppm	17	6	<5
Sulfur (S)	ppm	3,580	3,030	6,000

## DR FERROGRAPHY READINGS

L		31.2	32.3	9.9
S		4.8	7.6	2.5
WPC	DL + DS	36	39.9	12.4

Customer Id: MOTMCA  
 Sample No.: EN24040827  
 Lab Number: 24040827  
 Test Package: TEST

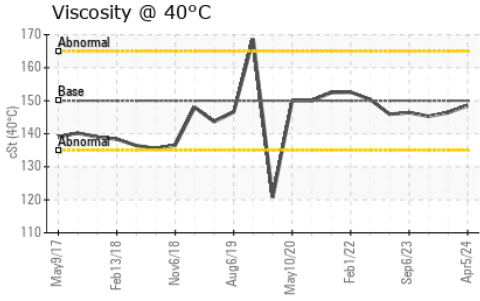


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# OIL ANALYSIS REPORT



Contamination			
Water	<b>NEG</b>	NEG	NEG