

LABORATORY ANALYSIS



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Department **REYLAM-PRESS**
 Equipment No. **PRESS19 LAM PRESS #19 (LAM LINE 19) (00099)**
 System **Oil**
 Oil Type **ENGINEERED LUBRICANTS ENLUBE 71-EP (--- GAL)**

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

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.

Sample Information

Lab Number	New	2404-00856	2401-00699	2310-00776
Date of Sample	(Typical)	05 Apr 2024	19 Jan 2024	10 Oct 2023
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		ATTENTION	NORMAL	ABNORMAL

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

SSU Vis. @ 100F	SSU	777.8	792.0	762.4
cSt Vis. @ 40C	cSt	150	150.8	145.2

PARTICLE COUNT (PER 1ML)

ISO CODE	ISO 4406(c)	>23/22/16	24/20/13	23/19/12	22/21/18
4 Micron & Larger	particles/ml	>80000	92,030	56,190	32,063
6 Micron & Larger	particles/ml	>40000	9,882	4,709	14,825
14 Micron & Larger	particles/ml	>640	46	36	2,381
21 Micron & Larger	particles/ml	>160	5	6	695
38 Micron & Larger	particles/ml	>40	0	0	52
70 Micron & Larger	particles/ml	>10	0	0	2

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	7	5	<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	15
Calcium (Ca)	ppm	18	12	24
Magnesium (Mg)	ppm	<5	<5	<5
Phosphorus(P)	ppm	234	247	234
Silicon (Si)	ppm	<5	<5	<5
Zinc (Zn)	ppm	7	5	<5
Sulfur (S)	ppm	3,820	3,900	5,530

DR FERROGRAPHY READINGS

L		69.1	23.1	14.0
S		16.8	6.9	4.0
WPC	DL + DS	85.9	30	18

Customer Id: MOTMCA
 Sample No.: EN24040856
 Lab Number: 24040856
 Test Package: TEST

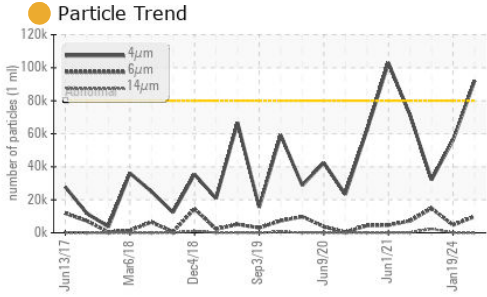


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OIL ANALYSIS REPORT



Contamination

Water	NEG	NEG	
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