

LABORATORY ANALYSIS



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Department **REYLAM-PRESS**
 Equipment No. **PRESS16 LAM PRESS #16 (00086)**
 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

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	2404-00852	2401-00694	2310-00772
Date of Sample	(Typical)	05 Apr 2024	19 Jan 2024	10 Oct 2023
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		123.9	121.4	118.2
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		ATTENTION	ATTENTION	ABNORMAL

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

SSU Vis. @ 100F	SSU	767.4	774.7	744.2
cSt Vis. @ 40C	cSt	150	147.6	141.8

PARTICLE COUNT (PER 1ML)

ISO CODE	ISO 4406(c)	>23/22/16	24/21/13	24/22/15	22/21/17
4 Micron & Larger	particles/ml	>80000	109,747	142,160	37,402
6 Micron & Larger	particles/ml	>40000	17,578	24,808	13,899
14 Micron & Larger	particles/ml	>640	70	206	897
21 Micron & Larger	particles/ml	>160	7	21	196
38 Micron & Larger	particles/ml	>40	0	0	20
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	6	15	<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	7	16
Calcium (Ca)	ppm	13	12	24
Magnesium (Mg)	ppm	<5	<5	<5
Phosphorus(P)	ppm	234	223	240
Silicon (Si)	ppm	<5	<5	<5
Zinc (Zn)	ppm	<5	7	<5
Sulfur (S)	ppm	4,560	4,840	5,560

DR FERROGRAPHY READINGS

L		64.5	57.6	22.9
S		14.7	22.2	6.2
WPC	DL + DS	79.2	79.8	29.1

Customer Id: MOTMCA
 Sample No.: EN24040852
 Lab Number: 24040852
 Test Package: TEST

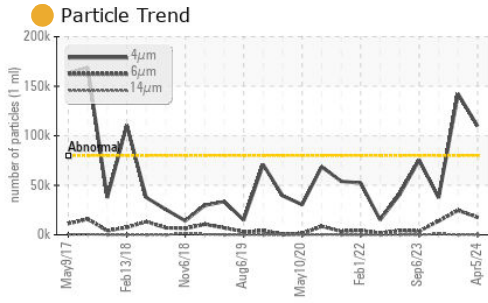


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OIL ANALYSIS REPORT



Contamination			
Water	NEG	NEG	NEG

