

LABORATORY ANALYSIS



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Department **REYLAM-PRESS**
 Equipment No. **PRESS15 LAM PRESS #15 (00085)**
 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	2404-00851	2401-00693	2310-00771
Date of Sample	(Typical)	05 Apr 2024	19 Jan 2024	10 Oct 2023
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		165.4	163.0	159.7
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		ATTENTION	ATTENTION	NORMAL

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

SSU Vis. @ 100F	SSU	75.6	774.8	778.3
cSt Vis. @ 40C	cSt	150	147.6	148.2

PARTICLE COUNT (PER 1ML)

ISO CODE	ISO 4406(c)	>23/22/16	24/21/15	24/22/15	22/20/16
4 Micron & Larger	particles/ml	>80000	105,075	152,951	35,574
6 Micron & Larger	particles/ml	>40000	16,107	23,751	7,303
14 Micron & Larger	particles/ml	>640	184	176	351
21 Micron & Larger	particles/ml	>160	19	13	86
38 Micron & Larger	particles/ml	>40	0	1	9
70 Micron & Larger	particles/ml	>10	0	0	0

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	11	14	<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	8	
Calcium (Ca)	ppm	18	13	15	
Magnesium (Mg)	ppm	<5	<5	<5	
Phosphorus(P)	ppm	234	209	223	235
Silicon (Si)	ppm	<5	<5	<5	
Zinc (Zn)	ppm	8	8	<5	
Sulfur (S)	ppm	4,010	4,860	4,730	

DR FERROGRAPHY READINGS

L		85.4	62.6	19.7
S		27.5	23.8	8.3
WPC	DL + DS	112.9	86.4	28

Customer Id: MOTMCA
 Sample No.: EN24040851
 Lab Number: 24040851
 Test Package: TEST

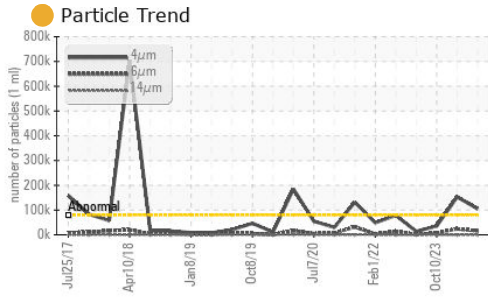


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OIL ANALYSIS REPORT



Contamination			
Water	NEG	NEG	NEG

