

LABORATORY ANALYSIS



11525 Rock Island Court, St. Louis, MO 63043
Tel: 1-800-876-0008 info@englube.com

Department **REYLAM-PRESS**
 Equipment No. **PRESS17 LAM PRESS #17 (LAM LINE 17) (00096)**
 System **Oil**
 Oil Type **ENGINEERED LUBRICANTS ENLUBE 71-EP (--- GAL)**

COPELAND (MHDS)
 6001 S. 35TH STREET, SUITE D
 REYNOSA, ZZ
 US
 Contact: GERARDO GUERRERO
 francisco.castillo@Copeland.com
 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	2404-00854	2401-00696	2310-00774
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		NORMAL	NORMAL	NORMAL

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

SSU Vis. @ 100F	SSU	785.6	797.2	773.6
cSt Vis. @ 40C	cSt	150	151.8	147.3

PARTICLE COUNT (PER 1ML)

ISO CODE	ISO 4406(c)	>23/22/16	19/17/12	20/17/12	21/19/16
4 Micron & Larger	particles/ml	>80000	4,965	8,243	10,098
6 Micron & Larger	particles/ml	>40000	988	1,197	3,569
14 Micron & Larger	particles/ml	>640	23	25	423
21 Micron & Larger	particles/ml	>160	7	7	126
38 Micron & Larger	particles/ml	>40	0	1	7
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	<5	<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	16
Calcium (Ca)	ppm	17	16	24
Magnesium (Mg)	ppm	<5	<5	<5
Phosphorus(P)	ppm	234	231	245
Silicon (Si)	ppm	<5	<5	<5
Zinc (Zn)	ppm	5	<5	<5
Sulfur (S)	ppm	4,100	4,130	5,450

DR FERROGRAPHY READINGS

L		3.1	1.8	1.5
S		0.1	0.5	1.3
WPC	DL + DS	3.2	2.3	2.8

Customer Id: MOTMCA
 Sample No.: EN24040854
 Lab Number: 24040854
 Test Package: TEST

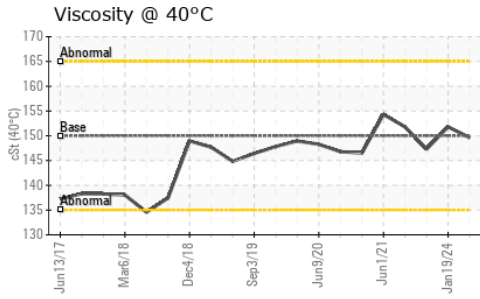


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To discuss the diagnosis or test data:
 Brian Klutenkamper +1 (314)872-9540
bklutenkamper@englube.com

To change component or sample information:
 Tracy Weaks +1 (314)872-9540
tweaks@englube.com

OIL ANALYSIS REPORT



Contamination			
Water	NEG	NEG	NEG