

LABORATORY ANALYSIS



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Department **REYLAM-PRESS**
Equipment No. **PRESS05 LAM PRESS #5 (LAM LINE 5) (00038)**
System **Oil**
Oil Type **ENGINEERED LUBRICANTS ENLUBE 71-EP (--- GAL)**

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	2404-00834	2401-00674	2310-00751
Date of Sample	(Typical)	05 Apr 2024	19 Jan 2024	10 Oct 2023
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		235.7	233.2	230.0
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		NORMAL	SEVERE	ABNORMAL

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

SSU Vis. @ 100F	SSU	771.9	812.3	757.5
cSt Vis. @ 40C	cSt	150	154.6	144.3

PARTICLE COUNT (PER 1ML)

ISO CODE	ISO 4406(c)	>23/22/16	23/19/11	24/21/12	24/19/14
4 Micron & Larger	particles/ml	>80000	77,177	103,473	85,501
6 Micron & Larger	particles/ml	>40000	4,998	13,437	4,765
14 Micron & Larger	particles/ml	>640	20	32	82
21 Micron & Larger	particles/ml	>160	3	2	26
38 Micron & Larger	particles/ml	>40	1	0	3
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	12	<5
Iron (Fe)	ppm	<5	12	14
Lead (Pb)	ppm	<5	7	<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	<5
Calcium (Ca)	ppm	23	17	9
Magnesium (Mg)	ppm	<5	<5	<5
Phosphorus(P)	ppm	234	251	243
Silicon (Si)	ppm	<5	<5	<5
Zinc (Zn)	ppm	5	6	11
Sulfur (S)	ppm	4,400	3,920	2,930

DR FERROGRAPHY READINGS

L		54.9	119.0	67.4
S		9.8	36.0	14.6
WPC	DL + DS	64.7	155	82

Customer Id: MOTMCA
Sample No.: EN24040834
Lab Number: 24040834
Test Package: TEST

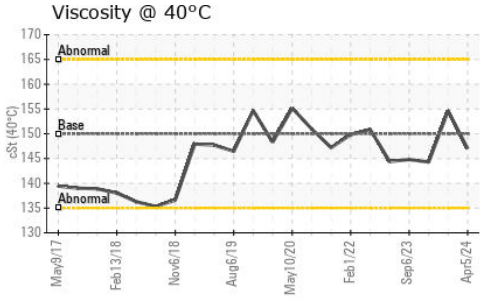


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OIL ANALYSIS REPORT



Contamination			
Water	NEG	NEG	NEG