

LABORATORY ANALYSIS



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Department **REYLAM-PRESS**
Equipment No. **PRESC04 PRESS (SCROLL PRESS #4) (00100)**
System **Oil**
Oil Type **ENGINEERED LUBRICANTS ENLUBE 71-EP (21 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	2404-00908	2401-00736	2310-00832
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	974.5	772.3	760.3
cSt Vis. @ 40C	cSt	150	147.1	144.9

PARTICLE COUNT (PER 1ML)

ISO CODE	ISO 4406(c)	>23/22/16	22/18/11	22/18/11	22/20/16
4 Micron & Larger	particles/ml	>80000	22,275	20,229	29,570
6 Micron & Larger	particles/ml	>40000	1,751	2,349	7,273
14 Micron & Larger	particles/ml	>640	16	17	573
21 Micron & Larger	particles/ml	>160	3	3	164
38 Micron & Larger	particles/ml	>40	0	0	12
70 Micron & Larger	particles/ml	>10	0	0	1

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	16	17
Calcium (Ca)	ppm	17	25	25
Magnesium (Mg)	ppm	<5	<5	<5
Phosphorus(P)	ppm	234	237	246
Silicon (Si)	ppm	<5	<5	<5
Zinc (Zn)	ppm	<5	5	<5
Sulfur (S)	ppm	3,600	5,430	6,330

DR FERROGRAPHY READINGS

L		9.4	7.8	8.5
S		2.6	2.0	1.1
WPC	DL + DS	12	9.8	9.6

Customer Id: MOTMCA
Sample No.: EN24040908
Lab Number: 24040908
Test Package: TEST

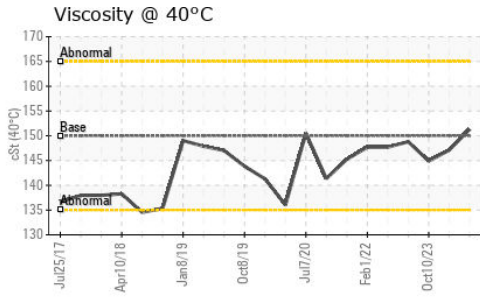


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OIL ANALYSIS REPORT



Contamination			
Water	NEG	NEG	NEG