

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)**

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	2309-00444	2307-00060	2206-00318
Date of Sample	(Typical)	06 Sep 2023	27 Jun 2023	24 May 2022
Oil Added		UNK	UNK	UNK
Last Drain Date		--	--	--
Months on Sample		117.1	114.8	101.9
Last Filter Service		--	--	--
Sample Point		---	---	---
Sample Status		NORMAL	NORMAL	NORMAL

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

SSU Vis. @ 100F	SSU	767.8	780.8	765
cSt Vis. @ 40C	cSt	150	148.7	145.7

PARTICLE COUNT (PER 1ML)

ISO CODE	ISO 4406(c)	>23/22/16	23/19/13	23/19/15	21/18/13
4 Micron & Larger	particles/ml	>80000	75,457	40,675	15,114
6 Micron & Larger	particles/ml	>40000	3,578	4,247	1,662
14 Micron & Larger	particles/ml	>640	46	234	42
21 Micron & Larger	particles/ml	>160	8	76	9
38 Micron & Larger	particles/ml	>40	1	7	0
70 Micron & Larger	particles/ml	>10	0	1	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	6	
Iron (Fe)	ppm	11	9	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	<5	
Calcium (Ca)	ppm	17	8	<5	
Magnesium (Mg)	ppm	<5	<5	<5	
Phosphorus(P)	ppm	234	246	266	201
Silicon (Si)	ppm	<5	<5	<5	
Zinc (Zn)	ppm	8	<5	<5	
Sulfur (S)	ppm	3,500	3,140	4,430	

DR FERROGRAPHY READINGS

L		19.9	28.4	20.3
S		2.8	7.1	8.1
WPC	DL + DS	22.7	35.5	28.4

Customer Id: MOTMCA
Sample No.: EN23090444
Lab Number: 23090444
Test Package: TEST



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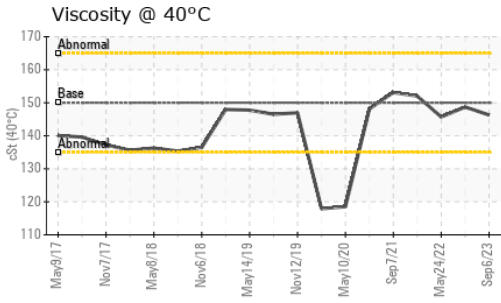
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OIL ANALYSIS REPORT



CONTAMINATION			
Water	NEG	NEG	NEG