

# LABORATORY ANALYSIS



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Department **REYLAM-PRESS**  
Equipment No. **REWSC0301 COIL REWINDER 1(SCROLL 3) (00175)**  
System **Gearbox**  
Oil Type **ENGINEERED LUBRICANTS ENLUBE 20-AW (--- GAL)**

## Diagnosis

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. 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. Viscosity of sample indicates oil is within ISO 46 range, advise investigate. The condition of the oil is acceptable for the time in service.

## Sample Information

Lab Number	New	2404-00895	2401-00725	2310-00818
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	272.0	242.4	243.4
cSt Vis. @ 40C	cSt	46	46.93	47.13

## % WATER - KARL FISCHER (ASTM E203)

% Water (KF)	%	0.127	---	---
ppm Water (KF)	ppm	1,290	---	---

## COLOR (BASED ON ASTM D1500 STANDARDS)

Color	Scale 0-8	1.5*	0.5	<0.5
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## PARTICLE COUNT (PER 1ML)

ISO CODE	ISO 4406(c)	>19/18/14	18/16/12	18/16/11	19/17/13
4 Micron & Larger	particles/ml	>5000	2,056	1,564	4,602
6 Micron & Larger	particles/ml	>2500	380	343	1,119
14 Micron & Larger	particles/ml	>160	22	19	77
21 Micron & Larger	particles/ml	>40	3	4	16
38 Micron & Larger	particles/ml	>10	0	0	1
70 Micron & Larger	particles/ml	>3	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	<5
Calcium (Ca)	ppm	49	64	63
Magnesium (Mg)	ppm	<5	<5	<5
Phosphorus(P)	ppm	448	495	508
Silicon (Si)	ppm	<5	<5	<5
Zinc (Zn)	ppm	715	613	616
Sulfur (S)	ppm	1,800	1,540	1,650

Customer Id: MOTMCA  
Sample No.: EN24040895  
Lab Number: 24040895  
Test Package: TEST

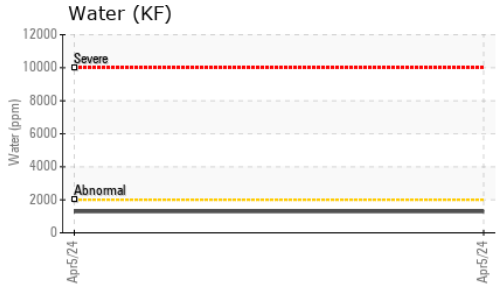


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# OIL ANALYSIS REPORT



### DR FERROGRAPHY READINGS

L		■ 2.3	■ 1.4	■ 3.1
S		■ 0.1	■ 0.7	■ 2.0
WPC	DL + DS	■ 2.4	■ 2.1	■ 5.1

