LABORATORY ANALYSIS



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ABB MOTORS & MECHANICAL 3560 SCARLET OAK BLVD.

ST. LOUIS, MO US 63122

Contact: Service Manager

T:

F:

19 (00022) Equipment No.

System **Gear Lube System**

MOBIL MOBILFLUID 424 (--- GAL) Oil Type

DIAGNOSIS

We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a moderate amount of particulates (2 to 100 microns in size) present in the oil. The condition of the oil is acceptable for the time in service. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

SAMPLE INFOR	MATIC	N			
Lab Number		New	2305-00343		
Date of Sample		(Typical)	05 May 2023		
Oil Added			UNK		
Last Drain Date					
Last Filter Service					
Sample Point					
Sample Status			SEVERE		
VISCOSITY @ 100F OR 40C (ASTM D-445)					
SSU Vis. @ 100F	SSU		275.2		
cSt Vis. @ 40C	cSt	55	■ 53.23		
% WATER - KARL FISCHER (ASTM E203)					
% Water (KF)	%		■ 0.045		
ppm Water (KF)	ppm		450		
% WATER - RELATIVE HUMIDITY SENSOR (ASTM D7546)					
% Water	%		0.045		
ppm Water	ppm		450		
TOTAL ACID NUMBER (NEUT. NO.)(ASTM D974)					
TAN, mg KOH/g	mg KOH/g		6.26		
PARTICLE COUNT (PER 1ML)					
ISO CODE	ISO 4406(c)	>19/17/14	18/14/12		
4 Micron & Larger	particles/1ml	>5000	1,735		
6 Micron & Larger	particles/1ml	>1300	156		
14 Micron & Larger	particles/1ml	>160	23		
21 Micron & Larger	particles/1ml	>40	23		
38 Micron & Larger	particles/1ml	>10	<u> </u>		
70 Micron & Larger	particles/1ml	>3	<u> </u>		

Customer Id: ENC0009101 Sample No.: EN23050343 Lab Number: 23050343 Test Package: TEST



To manage this report scan the QR code

To discuss the diagnosis or test data: Brad Fritz +1 (314)872-9540 bfritz@englube.com

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OIL ANALYSIS REPORT

