



RLACTUATOR-EV-07

Customer:	System Information	Sample Information
Multimatic Engineering Services 85 Valleywood Drive Markham, ON L3R 5E5 CA Attn: Drew Gilchrist Tel: (905)470-0025 E-Mail: dgilchrist@multimatic.com	System Volume: 0 gal Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: FUCHS TITAN SAF 1579 EU 175 Make:	Lab No: 02634367 Analyst: Bill Quesnel CLS,OMA II,MLA-III,LLA-I Sample Date: 05/08/24 Received Date: 05/09/24 Completed: 05/14/24 Bill Quesnel CLS,OMA II,MLA-III,LLA-I

Recommendation: We advise that you check for visible metal particles in the fluid. We advise that you check all areas where dirt can enter the system. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend an early resample to monitor this condition.

Comments: Moderate concentration of visible metal present. Abnormal wear is indicated. There is a moderate concentration of dirt present in the fluid. The water content is negligible. High amount of ingressed dirt has caused abrasive wear to the component. The AN level is acceptable for this fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Sample Date	Received Date	Fluid Age	Sample Location	Flash Point (COC)	Water (KF)	Viscosity (40°C)	Acid Number	Solids	GCD 10%	GCD 50%	GCD 90%	GCD % < 335°C
	mm/dd/yy			°F/°C	ppm	cSt	mg/KOH/g	%wt	°F/°C	°F/°C	°F/°C	%
05/08/24	05/09/24	0.0h			36	11.8	0.96	0.349	527 / 275	664 / 351	754 / 401	40.79
Baseline Data				331 / 166		11.4	1.0		529 / 276	664 / 351	761 / 405	42



