



DURABILITY ACTUATOR-EV-05

Customer:	System Information	Sample Information
Multimatic Engineering Services 85 Valleywood Drive Markham, ON L3R 5E5 CA Attn: Greg Wallace Tel: (905)470-0025 E-Mail: gwallace@multimatic.com	System Volume: 0 gal Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: FUCHS TITAN SAF 1579 EU 175 Make:	Lab No: 02634369 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 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: All component wear rates are normal. There is a moderate concentration of dirt present in the fluid. The water content is negligible. The AN level is acceptable for this fluid. The fluid is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

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			28	11.1	0.95	0.071	527 / 275	664 / 351	754 / 401	40.57
Baseline Data				331 / 166		11.4	1.0		529 / 276	664 / 351	761 / 405	42



