

DECLARATION OF COMPATIBILITY

between ECOLAB hygiene products and MOTOVARIO gearmotors

For the completely safe cleaning of your plant

**MOTOVARIO®**

HEART OF MOTION

a **TECO Group** company

Motovario has available a range of gearmotors suitable for working in damp and corrosive environments, such as the food industry (meat, fish, fruit and vegetables), pharmaceuticals and marine applications. Supplier of hygiene solutions for Food and Beverage Industries.



The declaration proves the high resistance of MotoNiTech surface treatment to Ecolab products below described.

MOTOVARIO S.p.a.

Via Quattro Passi 1/3- 41043 Formigine (MO)

www.motovario.com**ECOLAB®**

Products



Equipment



Services

**ECOLAB s.r.l.**

Via Trento 26 – 20871 Vimercate (MB)

www.it.ecolab.eu

Compatible products with Gearmotors with MotoNiTech treatment

See below for the test procedure

PRODUCT	%	DEFECT QUANTITY	DEFECT QUALITY	COLOR VARIATION	WEIGHT VARIATION
P3-topax 66	6	2	2	0	0
Topaz AC2	6	0	0	0	-0.5%

DEFECT QUANTITY:	0 means - No detectable defect 2 means - Few very small but detectable defects
DEFECT QUALITY:	0 means - Up to 10x magnification no detectable defect 2 means - Might be visible to the human eye
COLOR VARIATION:	0 means - Unchanged, no discoloration

Test procedure

- Test performed by Ecolab Technical Application Service
- Ecolab reference method 40.1 – ISO 4068-1 for the evaluation
- Full immersion of parts in detergent/disinfectant solutions
- Water hardness of 200 ppm CaCO₃
- 28 days total time at 20°C , equivalent to the contact time that occurs in 6 years of daily cleaning
- Concentrations tested 30% higher than those normally recommended
- Test solution renewed every 3-4 days for oxidizing products (P3-topax 66)

Final statement

The Ecolab Technical Application Service Italy certifies that the Motovario Gearmotors with the surface treatment MotoNiTech are compatible with the above listed Ecolab detergents and disinfectants. The trial covers 6 years of daily cleaning with the products used in a concentration 30% higher than those normally recommended.