“TCL’s Move into Aerospace Reinforces the World-Class Capability of Our Couplings”

Thompson Couplings has spent many years developing and proving coupling technology designed to improve the way power is transmitted across a wide range of industrial applications.

Today, TCL couplings are operating in demanding applications around the world, with our industrial products now sold into more than **22 countries** through an expanding international distributor network.

Our coupling technology has been developed to address many of the limitations associated with conventional coupling systems. In operating applications, TCL couplings have been proven to deliver benefits including:

- Reduced vibration
- Improved energy efficiency
- Reduced wear and maintenance
- Improved protection of connected equipment
- Longer equipment and service life
- Effective accommodation of angular, axial and parallel misalignment

Progressing into Aerospace

The progression of TCL technology into aerospace applications represents another important step for the company.

Aerospace is one of the most technically demanding engineering environments in the world, requiring exceptionally high standards of design, manufacture, reliability and performance.

The fact that TCL coupling technology is now progressing within this sector provides further validation of the engineering capability behind our products and demonstrates that the same core technology already proven in industrial applications can perform in increasingly demanding environments.

Specs	
Continuous Torque (T100) Nm	31,967
Max Misalignment	10 Degs
Max Service Temp	120°c
Max RPM	1,500
Motor Size kW	5,021

Helicopter Rotor Shaft Assembly incorporating TCL coupling technology.

Importantly, our growing involvement in aerospace does not change our commitment to the industrial market. Our industrial products remain the foundation of TCL, while new applications continue to demonstrate the broader capability of our technology.

TCL is not simply developing another coupling — we are continuing to demonstrate that our proprietary coupling technology can compete at a world-class level across some of the most demanding engineering applications.

We thank our distributors, customers and engineering partners around the world for their continued support as Thompson Couplings enters this next stage of development.