**LIQUI MOLY supplies aircraft engine** **manufacturer**­ **Austro Engine**

The engines are filled ex-works with engine oil from Ulm

**May 2016 - Austro Engine sets store by the made-in-Germany quality: Going forward, the aircraft engine manufacturer's engines will be delivered with LIQUI MOLY oil inside them. The LIQUI MOLY Austro Engine Aero 5W-40 will also be used when the engines are serviced. "We are very proud to be the first German manufacturer to have their oil used for aircraft first fill," said Peter Baumann, LIQUI MOLY's marketing director. "It has really opened the door to a new field of business."**

LIQUI MOLY's core business is cars. The majority of the company's turnover is generated from engine oils and additives along with maintenance and service products. Over 50 years of experience has gone into producing their product range for general aviation aircraft which became commercially available over a year ago.

Austro Engine and LIQUI MOLY announced their collaboration at the Aero trade fair. The engine manufacturer chose LIQUI MOLY for two reasons: its particularly high-performance motor oil and its close contacts with the oil manufactures' research departments. In order to get the optimum engine oil, both the properties and the performance were defined.

The Austro Engine engines are based on a Mercedes two liter diesel engine. Diesel technology is still a novelty in flight. One of the biggest advantages of diesel engines is the fact they are doubly efficient. On the one hand they consume less than gasoline engines and on the other hand, like jet planes, they can run on kerosene which is cheaper than special aircraft engine fuel. The environment also benefits as, unlike traditional aviation fuel, there is no need to have lead in this fuel. As a result, diesel engines are the current innovation for piston engines in airplanes.

However, diesel engines demand more from engine oil. Burning diesel produces more residues than with gasoline, so the oil needs to have a higher cleaning performance. Also, the oil needs to function within a much wider range of temperatures - from Siberian cold to Sahara hot. Obviously, reliable lubrication is much more important in airplane engines than in car engines.

Airplane manufacturer Diamond Aircraft use Austro Engine engines in a whole range of single and twin engine aircraft. LIQUI MOLY Austro Engine Aero 5W-40 is also used for maintenance work when the airplanes come to the factory for inspection. The next step will be to carefully examine the engine oil over a long-term test. The intention, at a later date, is that engines will last longer if they are exclusively lubricated with LIQUI MOLY Austro Engine Aero 5W-40.

The new LIQUI MOLY Austro Engine Aero 5W-40 will be marketed and distributed by Austro Engine themselves, as well as through MM aeronautical & automotive affairs GmbH based in Austria. The latter also distributes LIQUI MOLY's complete Aero product range.

**About LIQUI MOLY**

LIQUI MOLY GmbH from Ulm in South Germany offers a wide range of high-quality products such as motor oils, additives, vehicle care products and service products. The range includes some 4000 items. LIQUI MOLY develops and tests their products in their own laboratories, manufactures exclusively in Germany and markets all of their products themselves. LIQUI MOLY was founded some 50 years ago and is now one of the leading companies in the industry. The products are sold in Germany and in 120 other countries.

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