

Press release

Less wear with additive for INA Timing Chain KITs

“Chain Protect” – extra protection for timing chains from Schaeffler and Liqui Moly now exclusive for the Automotive Aftermarket

For optimal lubrication and additional protection against wear, Schaeffler is including a chain additive with its INA Timing Chain KITs, effective immediately. This new product, developed by Schaeffler and the oil and additive specialist Liqui Moly, reduces running-in wear after chain drive replacement by up to 20 percent.

LANGEN, GERMANY, 30 January 2018. With this additive, Schaeffler and Liqui Moly are bringing a novelty to the automotive spare parts market. It was developed especially for timing chains, which must run dependably on a sustained basis under high load and engine speeds. Demands on timing chains are particularly high in vehicles that drive mostly short distances. A new chain system is usually installed in a worn-down, older engine environment with contaminated oil residues. And this is exactly what Schaeffler is addressing. Decisive factors for the long service life of the new timing chain – and with it smooth engine operation – are the replacement of the entire chain drive system, the use of manufacturer-specified oil and the additional reduction of wear from the new additive. “Mechanical wear, and chain elongation resulting from this, are caused mostly by inadequate lubrication, and can in a worst-case scenario lead to engine damage,” says Maik Evers, Director Program Management Extended Products at Schaeffler Automotive Aftermarket. “We have developed an additive together with Liqui Moly that counteracts this and offers extra protection against wear.”

At installation, the additive – based on the low-friction lubricant MoS₂ – is applied to the chain and sprocket to create a heavy-duty lubricating film on all metal surfaces that rub or slide against each other. It reduces friction and guarantees smoother chain operation. This is especially beneficial when breaking in a new chain in an engine environment that is already broken in. It results in up to 20 percent less running-in wear of the new parts. The KITs also come with timing chains, chain sprockets, hydraulic and mechanical chain tensioners, tensioning and guide rails, along with the appropriate gaskets and all mounting parts needed for professional repair. The advantage of the KIT – by replacing the entire timing drive system, garages can avoid costly follow-up damage to the engine.

More information about INA Timing Chain KITs, along with the entire product portfolio of the Automotive Aftermarket division of Schaeffler, can be found at their online portal

www.repxpert.com. Here registered users will not only have the TecDoc online catalog for all manufacturers available to them, but all technical information as well, like installation videos and technical brochures, along with Schaeffler's comprehensive technical training program – for replacing timing chains, for instance.



Beginning immediately, Schaeffler is including a chain additive in its INA Timing Chain KITS. In addition, the KITS include timing chains, chain sprockets, hydraulic and mechanical chain tensioners, tensioning and guide rails, along with the appropriate gaskets and all mounting parts needed for professional repair.

About LIQUI MOLY

With around 4,000 items, LIQUI MOLY offers a global, uniquely broad range of automotive chemicals: Motor oils and additives, greases and pastes, sprays and car care, glues and sealants. Founded in 1957, LIQUI MOLY develops and produces exclusively in Germany. There it is the undisputed market leader for additives and is repeatedly voted the best oil brand. The company led by Ernst Probst sells its products in more than 120 countries and generated 489 million euros in sales in 2016.

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About Schaeffler

The Schaeffler Group is a global automotive and industrial supplier. Top quality, outstanding technology, and exceptionally innovative spirit form the basis for the continued success of the company. By delivering high-precision components and systems in engine, transmission, and chassis applications, as well as rolling and plain bearing solutions for a large number of industrial applications, the Schaeffler Group is already shaping "Mobility for tomorrow" to a significant degree. The technology company generated sales of approximately EUR 13.3 billion in 2016. With around 89,400 employees, Schaeffler is one of the world's largest family companies and, with approximately 170 locations in over 50 countries, has a worldwide network of manufacturing locations, research and development facilities, and sales companies.

The Automotive Aftermarket division is responsible for Schaeffler's global spare parts business. Its four product brands – LuK, INA, FAG, and Ruville – and REXPART, its service brand for garages, stand for technical excellence, intelligent solutions and outstanding services. A global network of approximately 11,500 distribution partners and more than 50 sales and representative offices ensure a close proximity to customers.



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