



Press Release
Düsseldorf, February 2007

Henkel - Official Supplier to the 2007 Euromilhões Dakar Rally

Euromilhões Dakar Rally 2007: Vacuum Impregnation from Henkel Loctite KID helps KTM win

Henkel was at the 2007 Dakar for the third encounter with this unique event. This fast-paced, high-technology environment is a perfect testing ground for Henkel's Loctite® and Teroson products, allowing them to demonstrate their capability to perform efficiently in the most difficult situations.



The **KTM** brand has a deeply rooted motor sport tradition with more than 100 world championship titles, five victories in the Dakar Rally and countless national championships. When a call for help came from Johann Trunkenpolz, Rally Racing Manager and representing the "T" in KTM's name (Kronreif, Trunkenpolz, Mattighofen), the Henkel engineers knew they had to act quickly.



Some of the 15 engines that were required for the 2007 Dakar Rally KTM factory teams had developed leaks after machining of the cast aluminium housings in the Austrian Mattighofen plant. That's why KTM was looking urgently for a method to put things right. On 15th December 2006 the leaking castings were sent to Henkel Loctite-KID's vacuum impregnation facility in Garching near Munich.

Henkel's **Loctite-KID Vacuum Impregnation** process is based on an advanced porosity sealing technique. It is used for permanently sealing microporosities by filling them with a methacrylate impregnation sealant. The material cures deep inside the pores and leaves practically no residues on part surfaces.



The housings were cleaned and positioned in a big stainless steel basket. The basket was loaded into the system and cycled through an automated process, using a vacuum to pull the low viscosity sealant into the pores by capillary action. After centrifuging to remove excess sealant from surfaces, the housings went into a heated cure tank to polymerize the liquid resin and achieve permanently sealed parts.

The process is very fast: Late in the afternoon of 15th December the engines were ready for assembly during the weekend and for starting the test runs.



At the conclusion of the Dakar 2007, KTM factory riders made a clean sweep of the podium, when Cyril Despres (Gauloises KTM) finished overall leader by 34.19 minutes. He was ahead of fellow Gauloises KTM team-mate David Casteu, with American rider Chris Blais (Red Bull KTM) finishing third. All three riders competed on bikes with engine housings sealed with Henkel's Loctite-KID Vacuum Impregnation process.

And, as the Loctite® / Teroson specialists who accompanied the rally discovered, vacuum impregnation was not the only service the KTM factory riders used:



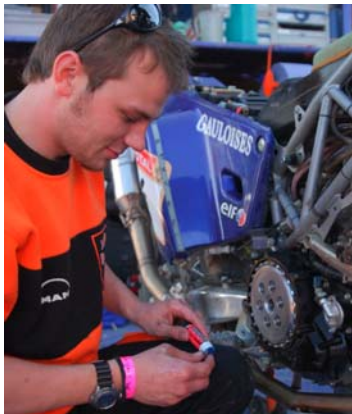
They found **Loctite® 270**, a high strength threadlocker for all fasteners that must withstand heavy shock, vibration, or extreme environmental conditions.

The KTM Repsol team applied the new **Loctite® Instant Adhesive 435** for bonding a rubber sealing ring to the radiator fan housing.



The KTM Gauloises team needed some repairs to be done on the gearbox and engine during the marathon stage, where no assistance was allowed. Luckily, the Loctite® / Teroson specialist was at hand with **Loctite® Stick 248** to lock some vital bolts.

The Dakar Rally demands passion, performance and perfection from the people involved, the machines used and the materials employed. Henkel has gone to great lengths to meet the challenge with Loctite® and Teroson products, many of which have earned their "stamp of approval" in this year's and in previous events.



Because the Dakar is an extreme challenge, for both professionals and amateurs alike, Henkel supports the Dakar competitors as an Official Supplier since the 2005 event, true to the motto: "Products from the Henkel range – Designed for everyday use – Tested on the world's toughest events".

Henkel - A Driving Force in the Racing World

Around the world, Henkel has an extensive commitment to motorsports. In 2004, the Henkel logo appeared for the first time on the rear-wing of the Team McLaren Mercedes race cars, thereby continuing the technical association with the team, which began in 1995 through the Loctite brand. As Official Supplier, Henkel provides a wide variety of innovative solutions to the team. Nearly 200 different applications of Henkel products have been incorporated into the Team McLaren Mercedes MP4-21 for its challenge in the 2006 FIA Formula One World Championship. In North America, Henkel's NASCAR sponsorships include several brands with Roush Racing and driver Carl Edwards. For the three-week, 10,000-kilometer 2007 Dakar Raid through gruelling desert terrain, Henkel provides each racing team with an essential mechanical emergency kit containing a wide range of adhesives, sealants, maintenance products, cleaners and bonding tapes.

Henkel, a Fortune Global 500 company, operates in three strategic business areas - Home Care, Personal Care, and Adhesives, Sealants and Surface Treatment, which serves the transportation, electronics, aerospace, metal, durable goods, consumer goods, maintenance and repair and packaging industries, and offers a broad range of products for the craftsman and consumer. Henkel is a leader with brands and technologies that make people's lives easier, better and more beautiful. More than 50,000 employees work for Henkel. People in 125 countries around the world trust in brands and technologies from Henkel – „A Brand like a Friend“.

Contact

Local address

Tel

Mail: