

Press release

NEW TECHNICAL MANUAL FOR JOINTS AND DRIVESHAFTS

A new technical manual to assist final users in the best way possible

Cologne, Italy, 24/07/2014 – The company Metelli S.p.A., in line with its active customer care approach, creates a new and updated technical manual for constant velocity joints and driveshafts.

Metelli S.p.A. presents a new technical manual that explains the functionality and characteristics of constant velocity joints and driveshafts. Fundamental in the entire process of development of these components is the test phase. To obtain reliable results, repetitive laboratory tests must be conducted. In fact, thanks to significant investments, Metelli is equipped with high-performance test benches that allow faithful reproduction of all the possible conditions of use. Metelli products do not only undergo static tests, which are structurally very interesting but not sufficient for obtaining a complete overview of the behavior of driveshafts in function, but also dynamic tests. The company's testing laboratories simulate every possible condition of use of the Metelli transmission parts, and much more.

In the Metelli firm, leading manufacturer of constant velocity joints and driveshafts in Europe for over twenty years, the product designers develop each component side-to-side with the manufacturing departments, using materials and selecting treatments (thermal and superficial) that guarantee the same performance of the equivalent original component, ensuring its geometrical features and optimal manufacturing resistance. Mechanical manufacturing departments with high-productivity numerical control machines guarantee quality, precision, and productive capacity at the highest level. Metelli optimizes its manufacturing processes with an elevated industrial automation standard, and diffuse employment of robots and automatic loaders. Regular quality checkups conducted throughout the entire production process ensure top-quality transmission parts. All this is made possible by Metelli's know-how, accumulated and consolidated in twenty years of experience in designing joints, selecting and finding appropriate raw materials, and manufacturing and testing each component. Tests are carried out periodically during each phase of manufacturing to ensure a constant level of supervision on the production process.

Each procedure related to the substitution of a joint or an entire driveshaft must be conducted in the best way possible. Incorrect assembly may, in fact, cause severe problems to the vehicle. This is why Metelli has dedicated the final part of the manual to suggestions on how to replace joints, first on the side of the wheel, and then on the side of the gearbox, and always making sure that appropriate tools are used and personal and environmental safety conditions respected.

This recent upgrade is perfectly in line with Metelli's brand repositioning project, which has involved all the Group's means of communication, including its institutional and commercial documentation, the new advertising campaigns, the company's video, packaging, and website.

We'll be glad to respond to any request for clarification.

Sincerely,
Marketing Department
Metelli S.p.A.