



PRESS RELEASE

News in brief – The Varvel Group, which has specialized in mechanical transmission systems in the low-to-medium power range since 1955, offers Italian and international customers gearboxes designed to function smoothly in all circumstances, thus also in low-temperature applications, thanks to suitable oil seals and lubricants.

Low-temperature solutions

Varvel, which has always paid great attention to national and international customer satisfaction, supplies gearboxes and gearmotors suited to specific applications thanks to particular oil seals and special lubrication.

Valsamoggia (BO), October 3, 2018 - The Varvel Group, specialized in the design, production and sale of mechanical transmission systems, has been the preferred partner to international customers since 1955, supplying transmission components for low and medium power applications.

Over six decades of business in precision mechanical engineering, an unwavering commitment to the pursuit of innovation and constant contact with client companies, have led to a know-how that allows Varvel to recognize actual market requirements for each type of application requested, enabling the company to design products that are ideally suited to their future use.

A clear example of this dedication to pursuing the most suitable solution can be seen in situations where applications must function at low temperatures.

Indeed, Varvel gearboxes serve an extremely wide range of applications, sometimes in colder geographical areas, such as Siberia, while in other cases the gearbox simply needs to be installed in freezing environments, cold rooms being one such case.

In these instances, Varvel advises customer companies to use suitable oil seals and lubricants, which today are able to guarantee optimum gearbox efficiency in low-temperature usage conditions.

As regards lubrication, lubricant serves not only to keep the gears inside the gearbox well oiled, but also to guarantee the correct friction force of seal rings. Lubricant is therefore a critical element within the gearbox, as it is essential for maintaining a high level of efficiency.

Oil seals, meanwhile, are an essential internal component of mechanical gearboxes, as they prevent contamination and leakage of the lubricant which is crucial for the smooth operation of bearings and gears.

The choice of oil seals and lubrication best suited to low temperatures can have a positive effect on the quality and lifetime of the application activity. With traditional oil seals and lubricants, the gearbox would still work but performance would be less than optimal; on the other hand, the use of products specifically suited to low temperatures enables optimal efficiency of the gearbox and the application in which it is used, maintaining superior effectiveness and prolonging the life of the component and the machinery.

For customers, this equates to less maintenance, fewer interventions and, as a result, cost savings.

The entire range of gearboxes produced by Varvel Group is available in the version for low-temperature applications, further proof of the quality of the products and services offered by Varvel, a Group that always guarantees customers the best solutions for achieving optimal results.

**VARVEL GROUP**

The Varvel Group has been designing and producing power transmission systems used in numerous industrial sectors since 1955. "Know-how to do it": Varvel has the know-how needed to satisfy customer requirements in the best way possible. Thanks to over sixty years' experience, Varvel offers customers an extensive range of standard solutions and customized products for specific requirements. The entire range of Varvel products is designed and produced in Italy, but the Group operates worldwide with two subsidiaries (one in the USA and another in India) and a global network of 100 commercial partners.

Further information is available on the website www.varvel.com

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