

iglidur Q290: robust and delicate on soft shafts

At the Agritechnica trade fair, igus will be showcasing a new lubrication free material for high levels of stress.

igus, the motion plastics specialist, has added a further specialist to its extensive range of lubrication free and maintenance free bearings. iglidur Q290 is designed to meet demanding requirements such as the dirt or extreme environments that agricultural and construction vehicles have to struggle with. Especially on galvanized shafts and in dirty environments, it proves to be a cost-saving, heavy-duty alternative.

In the building and agricultural industries, difficult conditions are the order of the day: environmental aspects, mud and high levels of stress have an adverse effect on machines and vehicles. The new iglidur Q290 material is a specialist among the iglidur materials and is specifically designed for this area of use. Low friction and resistance to dirt are among its strengths. As there is no need for lubrication, igus bearings are always ready for action, even if machinery has been at a standstill for long periods of time. Thanks to the new material, the absence of lubricant means that there is no chance of contamination within the soil when work is being done in the field.

Cost benefits for agricultural equipment

For the agricultural industry, the price/performance ratio is also a strong argument in favour of iglidur Q290. For example, compared to iglidur Z, a material that is also designed for high levels of stress, the new material is less expensive and is specially tailored to the requirements of the industry: "Fitted in agricultural equipment, bearings are often subjected to slewing movements on galvanised shafts. Compared to iglidur Z, which works well in extremely difficult conditions, for example in respect of the temperatures of an application, what is so convincing about the new iglidur Q290 material is the more than fifty per cent less wear on galvanised shafts", explains Uwe Sund, Industry Manager Agricultural Technology at igus. iglidur Q290 thus demonstrates that specialised solutions enable the customer to achieve cost savings. The material is now available from stock in six different inner

diameters up to 50 millimetres, quantities of 1 and more can be made ready for shipping within 24 hours.

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ABOUT IGUS:

igus GmbH is a globally leading manufacturer of energy chain systems and polymer plain bearings. The Cologne-based family business has offices in 36 countries and employs around 2,700 people around the world. In 2014, igus generated a turnover of 469 million euros with motion plastics, plastic components for moving applications. igus operates the largest test laboratories and factories in its sector to offer customers quick turnaround times on innovative products and solutions tailored to their needs.

The terms 'igus, e-ketten, e-kettensysteme, chainflex, readycable, easychain, e-chain, e-chainsystems, energy chain, energy chain system, flizz, readychain, robolink, pikchain, triflex, twisterchain, invis, drylin, iglidur, igubal, xiros, xirodur, plastics for longer life, CFRIP, dryspin, manus and vector' are protected by trademark laws in the Federal Republic of Germany and internationally, where applicable.

Caption



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The new iglidur Q290 material proves to be a cost-saving, heavy-duty alternative, especially on galvanised shafts and in dirty environments. (Source: igus GmbH)