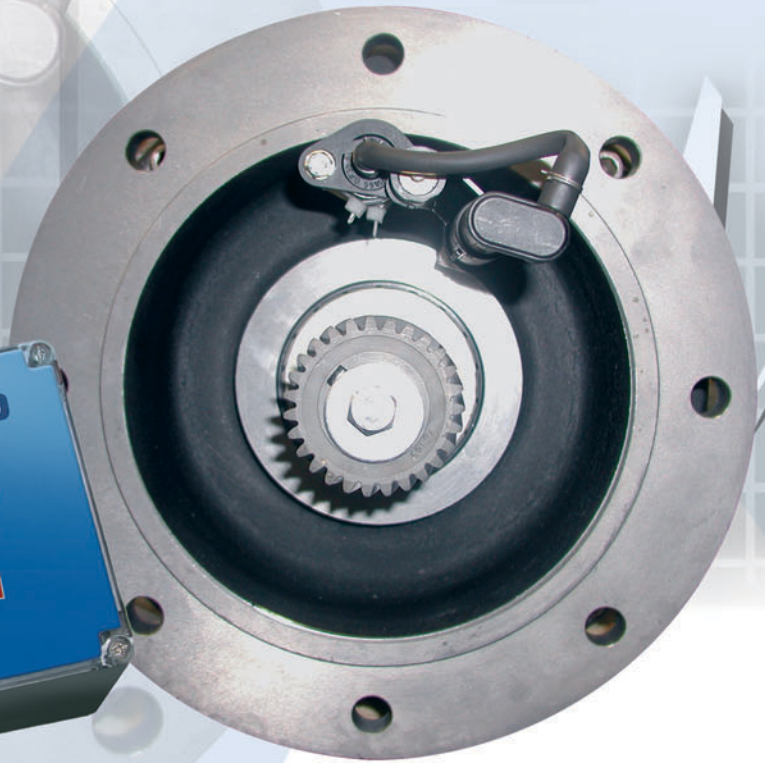


Guard Gear 100



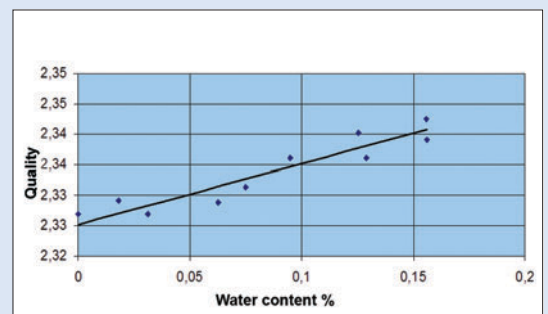
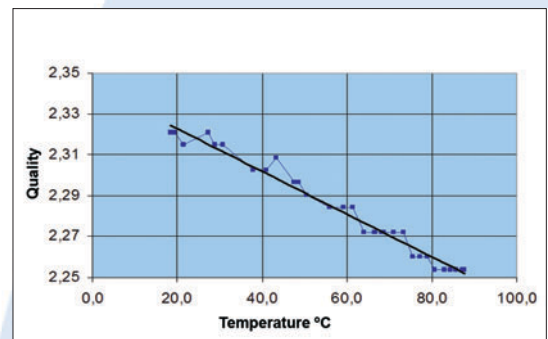
Preventive Decision

A new condition-monitoring device Guard Gear 100 for industrial gear units is developed by Kumera Drives, a designer, manufacturer and service provider of mechanical power transmissions.

The intelligent real-time condition-monitoring device Guard Gear 100 is designed to assist customers in planning their process maintenance effectively and in predicting actions to be taken.

The device continuously measures oil temperature, oil level and oil quality. Based on the measurements and set values, Guard Gear 100 determines the condition of the gear drive and oil and indicates the remaining life of oil. Immediate indications of the problems in lubrication enables to prevent potential gear drive failures beforehand.

Guard Gear 100 is able to operate as a stand-alone unit or it can be connected to a process control unit. The device can be assembled on the most of existing and new industrial gear units.



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