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all Type

Vibration dampers, for all engine types

Most of the MaK engines are equipped with a vibration damper which protects the crankshaft against dangerous torsional vibrations. Torsional vibrations are influenced by the operating principle of the combustion engine, by the firing sequence, and last but not least by the degree of mass balancing. In many cases they are inevitable. The vibration damper has the effect that resonant torsional vibrations will not develop in critical speeds. Consequently it is a vital component for the Diesel engine.

A good vibration damper works without being noticed and completely without problems for a rather long period. The scope of maintenance work required is comparatively small, and the maintenance intervals are long.

For the above reasons it is quite possible that a vibration damper is not noticed before its function is reduced. Of course, this involves considerable risks for the crankshaft. Therefore, we wish to draw your attention once more to the absolute necessity of observing the scheduled maintenance intervals stated in the operating manual of the engine.

As sometimes thorough maintenance works are not possible on board, Krupp MaK has organized an overhaul and exchange service for all standard vibration damper types some time ago.