

**95/7
9M 453C**

Vibration damper 9M 453 C

Previous operating experiences, gained on the above engine type, have proven that in general the maintenance intervals for the vibration damper are within safe limits. Recently, however, we have been increasingly informed about partly higher wear and tear appearances ascertained during damper checks.

As an increased wear and tear cannot be recognized at once by operational irregularities, we recommend to check the damper before reaching 20 000 operating hours. Otherwise, in extreme cases, an exchange of the complete vibration damper might become necessary.

Recommendation for checking

It is generally necessary to remove the complete spring packs.
The bores in the damper as well as the cover plate are to be checked for damages. Slight mechanical wear, caused by the springs, may be refinished.
The oil supply bores are to be checked for free passage.
Spring packs with heavy working marks are to be exchanged immediately (spring packs of one bore must always be completely exchanged).
Before fitting the new spring packs the pretension is to be checked.
Please ensure by all means the tight fit of the spring packs in the bore.

For checking we recommend to engage the service of MaK.

In the following cases an exchange of the vibration damper or at least a check must be done immediately:

Knocking noise at the engine (damper locked)
Metal chips in the lub. oil system (spring packs broken).

In order to reach the lifetime of 24 000 h as expected by MaK, even under unfavourable operating conditions, the maker reinforced the spring packs. The modified type which is fully interchangeable will be available from October, 1995.