

## DETAILS OF INTERESTING CLAIM

No: DOIC 47

Type of Insurance:

M

Description of damaged item:

Breakage of Gear case of limekiln

Cause of Loss:

(3) Faulty design

Claim Cost:

1,3 €Mio

Description of Incident and Loss Prevention Measures initiated:

Failure had take place on gear case. The acoustic emission monitoring system showed activation on one of the two gear cases rotating the limekiln. Preparations for a fast shift from having used two to using one gear case could be made. At the same time the limekiln production rate was slowed down to cope for the reduced rotation force. The cause for the breakage of gear teeth and bearings is not clear. It might be a clear under dimensioning of the components in the gear case.

Outline the interesting or unusual aspects of this claim or problems experienced during settlement:

The damaged gear case was pulled back and a new assembled on a very short notice. The remedy is to more closely monitor the case using vibration measurements and acoustic emission. A spare gear case is also now at hand.

