

DETAILS OF INTERESTING CLAIM

No: DOIC 45

Type of Insurance:

M

Description of damaged item:

Chipper damage

Cause of Loss:

(1) Faulty operation

Claim Cost:

1 €Mio

Description of Incident and Loss Prevention Measures initiated:

The blade of a chipper got loose, was chiselled in between the blade holder and the flywheel and broke, flew through the casing and at the same time the gear case practically exploded due to the immense inertia forces of the flywheel. The blade loosened most probably due to freezing of the chipper after frozen big sizes logs had been chopped for a long period without pauses. The torque of the fastening bolts probably was too small due to material contraction.

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

It is imperative to check the fastening torque of the bolts periodically, especially if extremely low or high temperatures are present. Unnatural cutting circumstances may also be monitored using on-line acoustic emission for process control.



For more details refer to IMIA WGP 49, Page 36

http://www.imia.com/downloads/imia_papers/wgp49_2006.pdf