

TEXUS-23 EXPERIMENT (1989)

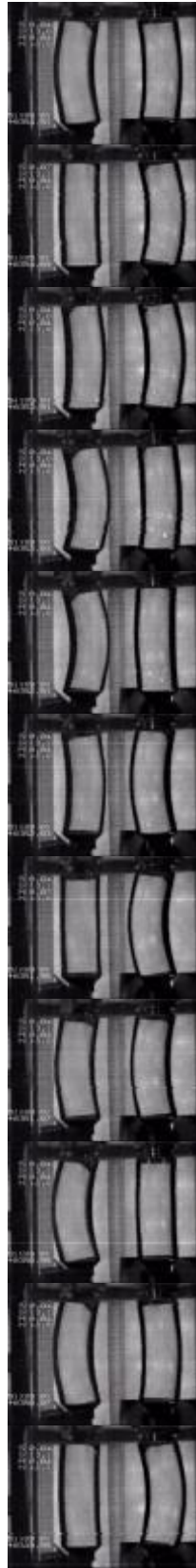


Fig. 1. A sequence of pictures separated 0.5 s, shown two orthogonal views of an 75 mm long liquid column of silicone oil 20 times more viscous than water, during the eccentric rotation in Texus-23 (1989). The two end discs were rotated in phase at slowly increasing speeds around an axis eccentric 2 mm relative to the common axis of the two circular discs 30 mm in diameter. A kind of skipping-rope motion (with minor

internal motion) is established, of amplitude growing with rotation speed until breakage took place at 13 rpm.

[References \(see Publications\).](#)