

DISCUSSION

*A. F. Conn*¹—In view of the discussions in some of the earlier papers in this symposium pertaining to the role of velocity and frictional heating on the value of the coefficient of friction, I wonder if the author would care to comment on the following question. In the tests at TNO a very low velocity was used, in order to avoid frictional heating, while a controlled external source was used to provide the elevated temperature environment. Does the author feel that this is indeed a valid simulation of the actual case wherein there is a high velocity but no external heat generation? Has this been verified experimentally, or are there theoretical bases for this assumption?

A. Begelinger and A. W. J. de Gee (authors' closure)—We are grateful to Dr. Conn for making his valuable comment. Actually, the proof of the pudding is in the eating; that is, only correlation with results obtained under conditions of practical application can ultimately justify acceptance of the test method for screening purposes.

Realizing this, we are now gathering such information. The data obtained thus far are certainly encouraging as they suggest that no purely mechanical velocity effects occur.

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