

Product Specifications

Remarks:

It is very difficult to physically or chemically determine the strength of the Antispread coating. It is therefore tested with a comparative fluid.

The **Test Oil for Antispread** is a very thin silicon oil (viscosity 50 mm²/s at 20°C [68°F]). It wets untreated surfaces very rapidly and to a large extent. These characteristics make it well suited for a sensitive proof of Antispread's oil-repelling effect.

Directions:

Antispread treated parts are take from **standard assembly** as spot checks, preferably just before the actual **oiling**.

With a fine **oilstick** small droplets of Test Oil are applied to the surface (diameter: approx. 1 mm).

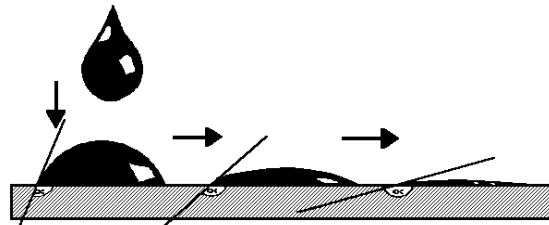
Tested areas should lay flat.

After 4 hours the droplets are tested for area increase and size of **contact angle**. There should not be any notable increase in area size. The contact angle should be between 5 and 45 degrees. The droplets must not look ripped or irregular.

Test Oil for Antispread

Art. No.: TS2000

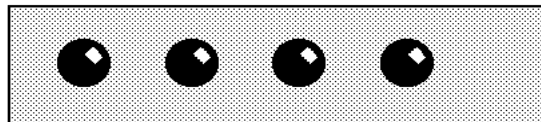
Wetting of oil on metal or plastic:



Untreated surface:
decreasing contact angle



Antispread treated surface:
oil drop remains unchanged



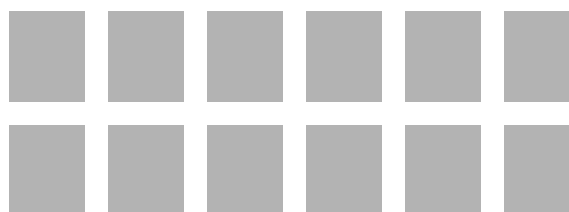
O.K.: droplets remain unchanged.



Not O.K.: droplets become ripped.

The tested parts should be discarded.

Test Oil and oilstick are available at no charge.



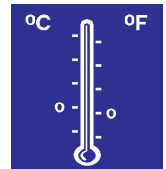
Product



Bearing material



Application temperature



Bearing load



Sliding speed



Durability



Viscosity



Wetting



P187