



Rotating Bomb Oxidation Test (RBOT)

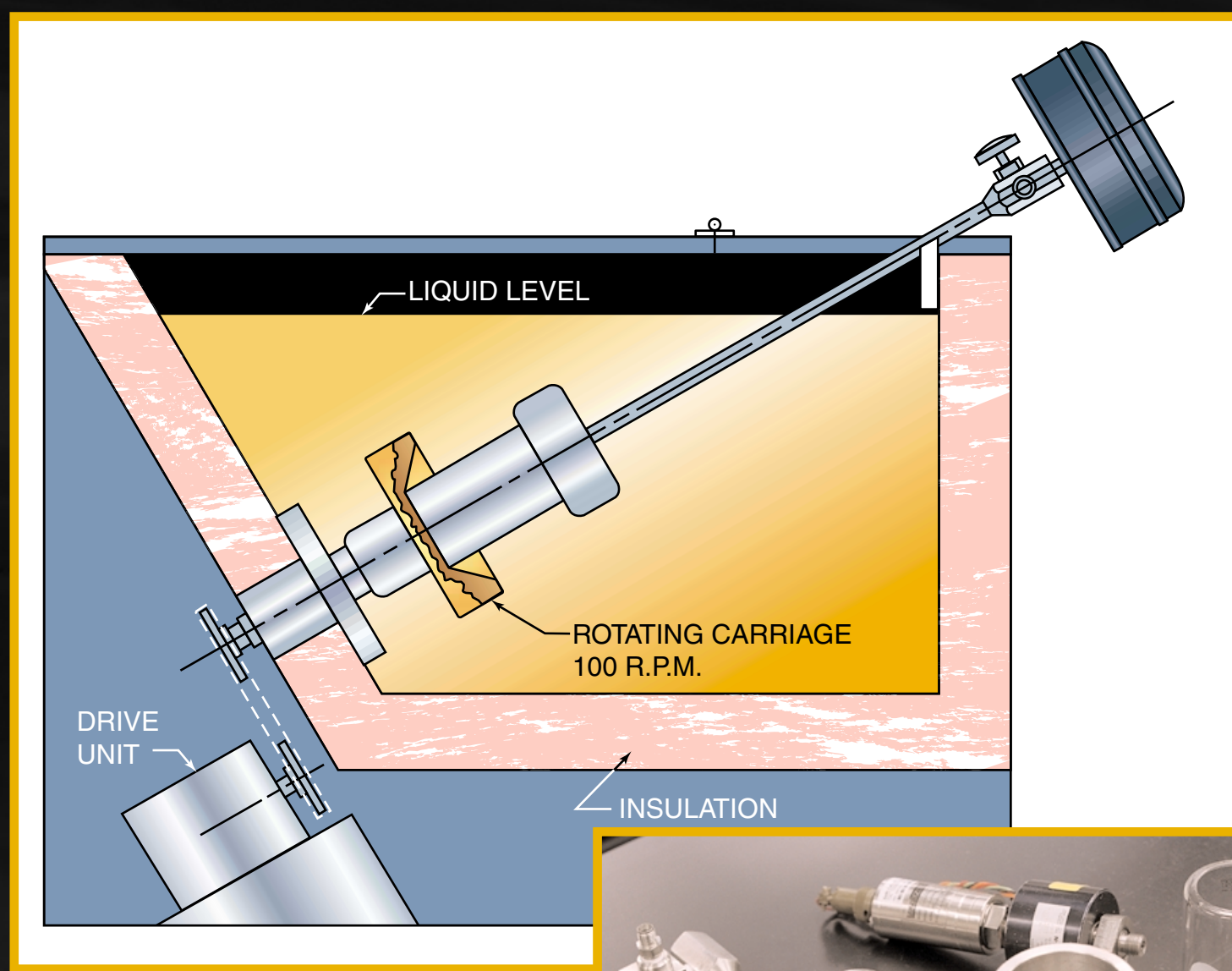
ASTM D 2272 uses an oxygen-pressured bomb to evaluate the oxidation stability of new and in-service turbine oils having the same composition (base stock and additives) in the presence of water and a copper catalyst coil at 150°C.

Typical Test Conditions:

- Temperature: 150 +/- 0.1°C
- Speed: 100 +/- 5 rpm
- Duration: The test terminates at a pressure decrease of 25.4 psi (175 kPa) from pressure maximum achieved
- Pressure: 90 psig

Related Test Methods:

- ASTM D 4742 TFOUT



1M136037



The interface between the transducer and RBOT bomb has been improved to prevent bomb leakage and thread wear. The RBOT bath drive mechanism has been improved to reduce failure and downtime. Temperature, for both baths, is now controlled digitally using the newest RTD technology.