



## EXPIRY DATES & SHELF LIFE

### DYNE TECHNOLOGY “VALVE TIP” TEST PENS

#### WHAT IS THE SHELF LIFE OF DYNE TECHNOLOGY “VALVE TIP” TEST PENS?

The expiry date is generally 6 months from manufacture. We never ship pens that are older than 8 weeks.

#### WHAT DOES “SHELF LIFE” REALLY MEAN?

In short, the “6 month from manufacture” shelf life is our best estimate of a reasonable time frame before which changes are likely to occur under correct storage and normal use. It is essentially a risk/reward decision, with the time frame set at the point where the risk may begin to appreciably increase.

#### SHOULD I WAIT UNTIL OUR DYNE TECHNOLOGY “VALVE TIP” TEST PENS HAVE REACHED THEIR EXPIRY DATE BEFORE I REPLACE THEM?

Some users replace their Dyne pens every 4-6 months, some prefer to replenish as frequently as every month (a couple customers actually get deliveries every 2 weeks!). Our general recommendation is that if the Dyne test is a critical quality parameter in your business then you should replace your pens every 3 months.

#### WHAT HAPPENS TO DYNE TECHNOLOGY “VALVE TIP” TEST PENS AFTER THE 6 MONTH SHELF LIFE HAS EXPIRED?

In some cases, fluids test perfectly well for many months after the shelf life has expired. In other cases, the dyne level of the fluid drifts within a relatively short time frame after the shelf life period. Even fluids that have been neither used nor opened, and stored in a controlled environment will eventually change dyne level due to chemical reactions among the constituents. Frequent use, high temperature or humidity, airborne dust or other contamination will all tend to exacerbate any inherent physicochemical changes and could significantly shorten the useful life of a Dyne test pen.

One advantage of our Dyne test pens (unlike bottles of Dyne test fluids) is that they are fully enclosed, even during use, so there is very little potential for evaporation altering the dyne level (the two main constituents have significantly different vapour pressures, so one of them i.e “Cellosolve\*” evaporates preferentially).

#### HOW CAN I GET MORE INFORMATION ON DYNE TECHNOLOGY “VALVE TIP” TEST PENS?

Contact our team by phone on 01543 411460 or by e-mail at [sales@dynetechnology.co.uk](mailto:sales@dynetechnology.co.uk)

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\*ethyl Cellosolve is a registered trademark of Union Carbide Corp. for ethylene glycol monoethyl ether (2-ethoxyethanol).

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