SETA STANHOPE-SETA

## Warning: Autosamplers used for flash point testing do not comply with flash point test methods



• Autosamplers/carousels are not included in any flash point methods

- Flash points determined using an autosampler should not be used to classify a product for transport, safety and health regulations or for specification purposes
- Incorrect classification of products can have severe consequences

## Sample cups used in autosamplers do not meet flash point test method requirements for the following:

- Sample in a carousel cup with a lid does not meet the sealed container or the minimum sample volume requirements of the test method
- Test methods state that sample volumes in containers which are less than 50% full can affect the test result
- Test methods state if loss of volatile material occurs, incorrect high flash points may be obtained





## Precision and bias has not been determined for Autosamplers

- Autosamplers have not been the subject of any flash point Interlaboratory Study Program (ILS)
- An ILS study allows a precision and repeatability statement to be produced for a test method
- Therefore, any precision stated in flash point test methods does not apply to autosamplers

