

elcometer® 2410 Viscosity Standards Oils for Calibration of Viscosity Cups



At a glance:

- To check the viscosity cup's calibration and certify it for ISO purposes
- The specific drain time is dependent on the cup type
- Replace your liquid with the standard oils to measure drain time

In order to check a viscosity cup's calibration or to certify it for ISO purposes, it is imperative that viscosity cup standard calibration oils are used.

Standard oils have a specified drain time, dependent upon the viscosity cup type (Ford, Shell, Zahn, etc) and the orifice size or cup number used.

To check the viscosity cup, use the standard viscosity oils in place of the liquid and measure the drain time.

Specific calibration oils can only be used with specific flow and dip cups. Please refer to the table below to establish which oil is required for each cup.

All viscosity oils are supplied in ½ litre (1 pint) bottles.

Part Numbers

Part Number	Range at 25°C	Cup Type	Cup No.	Model	Orifice Diameter
K0002410M021	20 - 34cSt	Zahn Dip Cup	1	Elcometer 2210/1	1.8mm
K0002410M022	60 - 120cSt	Zahn Dip Cup	2	Elcometer 2210/2	2.7mm
K0002410M023	100 - 230cSt	Zahn Dip Cup	3	Elcometer 2210/3	3.8mm
K0002410M024	200 - 460cSt	Zahn Dip Cup	3	Elcometer 2210/3	3.8mm
K0002410M025	350 - 850cSt	Zahn Dip Cup	4	Elcometer 2210/4	4.3mm
K0002410M026	600 - 1600cSt	Zahn Dip Cup	5	Elcometer 2210/5	5.3mm
K0002410M021	20 - 34cSt	Shell Dip Cup	2	Elcometer 2310/2	2.4mm
K0002410M022	60 - 120cSt	Shell Dip Cup	4	Elcometer 2310/4	3.8mm
K0002410M023	100 - 230cSt	Shell Dip Cup	5	Elcometer 2310/5	4.6mm
K0002410M024	200 - 460cSt	Shell Dip Cup	6	Elcometer 2310/6	5.8mm
K0002410M022	60 - 120cSt	DIN Flow Cup	4	Elcometer 2350/2	4mm
K0002410M023	100 - 230cSt	DIN Flow Cup	4	Elcometer 2350/2	4mm
K0002410M024	200 - 460cSt	DIN Flow Cup	4	Elcometer 2350/2	4mm
K0002410M021	20 - 34cSt	ASTM/Ford Flow Cup	2	Elcometer 2351/2	2.53mm
K0002410M022	60 - 120cSt	ASTM/Ford Flow Cup	3	Elcometer 2351/3	3.4mm
K0002410M023	100 - 230cSt	ASTM/Ford Flow Cup	4	Elcometer 2351/4	4.12mm
K0002410M021	20 - 34cSt	ISO Flow Cup	3	Elcometer 2353/1	3mm
K0002410M022	60 - 120cSt	ISO Flow Cup	4	Elcometer 2353/2	4mm
K0002410M023	100 - 230cSt	ISO Flow Cup	6	Elcometer 2353/4	6mm
K0002410M024	200 - 460cSt	ISO Flow Cup	6	Elcometer 2353/4	6mm
K0002410M022	60 - 120cSt	DIN Frikmars Dip Cup	4	Elcometer 2434/2	4mm
K0002410M023	100 - 230cSt	DIN Frikmars Dip Cup	4	Elcometer 2434/2	4mm
K0002410M024	200 - 460cSt	DIN Frikmars Dip Cup	4	Elcometer 2434/2	4mm
K0002410M021	20 - 34cSt	ISO Frikmars Dip Cup	3	Elcometer 2437/2	3mm
K0002410M022	60 - 120cSt	ISO Frikmars Dip Cup	4	Elcometer 2437/3	4mm
K0002410M023	100 - 230cSt	ISO Frikmars Dip Cup	6	Elcometer 2437/4	6mm
K0002410M024	200 - 460cSt	ISO Frikmars Dip Cup	6	Elcometer 2437/4	6mm

