

Product Specifications

Laboratory Data:

Penetration		
quarter cone	Unworked penetration	Worked penetration
	290 - 360 mm/10	290 - 360 mm/10
NLGI Class		1
Consistency		soft

Color yellow/white

Oil Separation (FTMS)

48 hrs/85 °C [185 °F]

Permanent Low Temperature -20 °C Base Oil 72 hrs fluid [-4 °F]

Application Temperature -10 °C to +100 °C [+14 °F to +212 °F]

Base Oil arylpolyalcanoate

Viscosity Base Oil 150 mm²/s

20 °C [68 °F]

Thickener micro PTFE powder,

no metallic soaps

Durability very good **Drop Stability** good **Corrosion Resistance** brass: good steel: good

Compatibility with Plastics

compatible PA66, PBT, POM satisfactory POM (CL)

incompatible ABS, ASA, PC, PPO, SB

Comments:

Precision Grease Clock 859 PTFE has a fully synthetic base oil and is thickened with micro PTFE powder, which guarantees good emergency running properties. Friction and wear values in classical steel and brass bearings are outstandingly low. Special stabilizers protect the grease from negative influences of pinion or free cutting steel. Precision Grease Clock 859 PTFE is free of silicone. If applied with plastics please test their compatibility or request results.

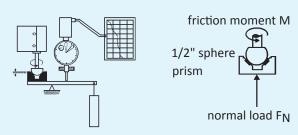
Precision Grease Clock 859 PTFE

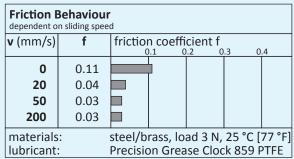
Article No. TF2510

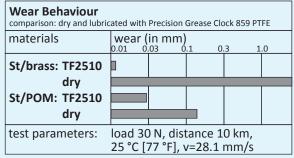
Precision Grease for Metal Bearings

Tribological Data:

Test System: sphere on prism (ISO 7148/2)







For open bearings in clock movements, counters,

alarm clocks, helical gear trains, measuring devices,

precision gears, plotters, printers, ball bearings. For

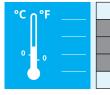
all brass/steel bearings from 0.1 to 10 mm diameter

Product

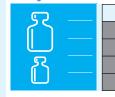
Bearing material



Application temperature



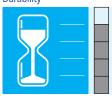
Bearing load



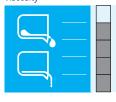
Sliding speed

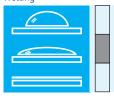


Durability



Viscosity





All information reflects our best knowledge. No responsibility is taken for printed data. Technical and chemical changes may occur without notice. We cannot be held liable for any use or application.

Application:

(0.004 to 3/8 inches).