

Eni PRECIS CGLP

Slideway oil based on zinc-free mineral oil with very good lubrication and adhesive properties, high pressure absorptivity and anti-stick-slip properties for the lubrication of slideways and guides, especially of machine tool slides.

Characteristics (typical figures)

Eni PRECIS CGLP	Unit	68	220	320	Test method
Kin. Viscosity at 40°C	mm ² /s	68,0	220	315,3	DIN 51 550
Kin. Viscosity at 100°C	mm ² /s	8,6	18,9	24,3	DIN 51 550
Viscosity index		108	98	98	DIN ISO 2909
Density at 15°C	kg/m ³	885	898	893	DIN 51 757
Flashpoint o. C.	°C	222	233	250	DIN ISO 2592
Pourpoint	°C	-24	-15	-25	DIN ISO 3016
Designation		CGLP	CGLP	CGLP	DIN 51 502
ISO-VG grade		68	220	320	

Properties and Performance:

Eni PRECIS CGLP - slideway oils contain a selected additive combination that especially serves for the prevention of stick-slip. The single components cause an increased affinity of the oils to the metal surface and therefore contribute the formation of an oil film, also at lowest feed speeds. The starting resistances are reduced and enable an even feed motion also at highest loads. Very low coefficient of adhesions and constant sliding behaviour allow a considerably energy saving due to reduced current consumption. Furthermore, they excel due to an excellent rust and corrosion protection as well as very good water release properties.

Eni PRECIS CGLP - slideway oils are recommended by well-known machine tool manufacturers for the lubrication of slideways.

Applications:

Eni PRECIS CGLP 68 is preferably used at horizontal slideways with normal loads. Furthermore, this oil can also be used as hydraulic medium if one product is needed for both applications.

Eni PRECIS CGLP 220 has best proven at vertical slideways and under heaviest loads.

Specifications:

DIN 51 502 CGLP
ISO 11158 HG (ISO VG 68)
ISO 12925-1 CE (ISO VG 220)

Stanimuc GA / GB (ISO VG 68 + 220)
ISO 6743-13 GA / GB (ISO VG 68 + 220)