



Product Data

Castrol Viscogen G + G 175

Fully synthetic high performance lubricants

Description

VISCOGEN™ G + G 175 are especially designed for hollow glass machines. The transparent oils do not contain solids and leave no residues even when overheated.

VISCOGEN G + G 175 maintain their lubricity up to temperatures of + 200°C/+ 392°F and feature an excellent load carrying capacity. They reduce friction and offer optimum wear protection.

VISCOGEN G + G 175 are much more economical in use than conventional mineral or synthetic oils.

Application

- For the lubrication of hollow glass machines
 - in centralized lubricating systems
 - for chain lubrication with drip-feed lubricator, central lubrication, oil spraying system or manually with brush or oil can
 - for all lubricating points in the normal and high temperature range, taking the viscosity into consideration

Advantages

- OPTITEC® - CASTROL OPTIMOL technology
- thermally stable
- evaporates with extremely low formation of residues
- leaves no hard residues
- no odor
- reduces friction and wear
- contains no solid lubricants which might form deposits
- can be easily pumped and metered in centralized lubricating systems
- no starting problems after downtime due to favorable viscosity index
- compatible with mineral oil
- excellent adhesion
- reduced lubricant consumption
- free from heavy metals
- excellent water separation ability

Typical Characteristics

Test	Method	Unit	Value	
CASTROL VISCOGEN	-	-	G	G 175
Colour	visual	-	red	
Base	-	-	synthetic oil	
ISO viscosity group	DIN 51519	-	220	-
Density at + 15°C/+ 59°F	DIN 51757	kg/m ³	937	937
Kin. viscosity at + 40°C/+ 104°F + 100°C/+ 212°F	DIN 51562	mm ² /s	210.7	170.8
			23.48	20.18
Viscosity index	DIN ISO 2909	-	137	137
Pour point	DIN ISO 3016	°C	-36	-45
		°F	-32.8	-49
Flash point	DIN ISO 2592	°C	208	200
		°F	406.4	392
Copper corrosion	ASTM D-130	-	1	1

1 mm²/s $\hat{=}$ 1cSt

Subject to usual manufacturing tolerances

Additional Information

- Compatible and miscible with mineral oils. Maximum performance, however, only if applied unmixed.
- Not miscible with synthetic oils based on glycol.

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