



## Product Data

# Castrol Viscogen® G

### Description

Castrol Viscogen G – solid free transparent synthetic oil for extremely heavy loads and high-temperature lubrication. Forms a lubricating film with excellent load carrying ability even at extreme temperatures.

Viscogen G leaves virtually no residues even when overheated. No hard carbon in lines of central lubrication systems, no hard residues in plain bearings, joints, etc. Due to its good viscosity/temperature characteristics and excellent adhesion, Viscogen G retains its lubricity, reduces friction and offers optimum wear protection at temperatures up to + 180°C/ + 356°F.

Viscogen G is much more economical in use than conventional mineral or synthetic oils thanks to its superior creep properties, adhesion and thermal stability

### Application

Viscogen G is miscible with mineral oil. Maximum performance however only if applied unmixed.

Viscogen G cannot be mixed with glycol-based synthetic oils.

For further information, especially for changing I.S. machines from mineral oil to Viscogen G contact Technical Service.

Viscogen G is approved for lubrication of Emhart, Bottero, Heye and O-I container glass machines. The lubricant is usually applied by a central lubrication system. Lubrication intervals can be extended up to 90 min.

Viscogen G is suitable for all lubrication points at normal and high temperatures in the glass industry, e.g., feeder mechanisms, PIV-drives, worm gear feeder drives, conveyor and stacker chains.

Viscogen G for chain lubrication with drip-feed lubricator, central lubrication, oil spraying systems or manually (with brush or oil can) in stenter frames, paint ovens, etc.

### Advantages

- Thermally stable
- Evaporates with extremely low formation of residues
- Leaves no hard residues
- Low odor
- Reduces friction and wear
- Contains no solid lubricants which might form deposits
- Good pumpability in central lubrication systems
- No start-up problems after shutdowns due to favorable viscosity index
- Compatible with mineral oil
- Excellent adhesion
- Reduced lubricant consumption
- Temperature stable up to + 180°C/ + 356°F

## Characteristics

	<b>175</b>	<b>220</b>
Base Fluid	Synthetic	Synthetic
Color	Transparent reddish	Transparent reddish
Density, DIN 51757 g/cm <sup>3</sup> @15°C/60°F	0.940	0.940
ISO grade Viscosity, DIN 51519	-	220
Viscosity, DIN 51562	-	-
@ 40°C/cSt	167	210.9
@100°C/cSt	19.8	23.63
Viscosity Index, ISO2909	137	139
Flash point, ASTM D-92, °C/°F	243/469.4	246/474.8
Fire point, ASTM D-92, °C/°F	266/510	266/510
Pour point, ASTM D-97, °C/°F	-30/-22	-34/-29.2

Subject to Usual Manufacturing Tolerances.

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