

**Product Data****Viscogen G and G 175**

Fully synthetic high performance lubricants

Description

Viscogen™ G and G 175 are especially formulated for use in hollow glass machines. The transparent oils do not contain solids and leave no residues even when overheated.

Viscogen G and 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 and G 175 are more economical in use than conventional mineral or synthetic oils.

Application

For the lubrication of hollow glass machines in centralized lubricating systems. Also suitable for chain lubrication systems fitted with a drip-feed lubricator, centralised lubrication systems, oil spraying systems or applied manually with brush or oil can

For all lubricating points in the normal and high temperature range, taking the viscosity into consideration.

Advantages

- Thermally stable
- Evaporates with extremely low formation of residue
- 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

Name	Method	Units	G	G 175
Colour	Visual	-	red	red
Base oil	-	-	synthetic oil	synthetic oil
ISO Viscosity Grade	-	-	220	-
Density @ 15°C / 59°F	ISO 12185 / ASTM D4052	kg/m³	937	937
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm²/s	210.7	170.8
Kinematic Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D445	mm²/s	23.48	20.18
Viscosity Index	ISO 2909 / ASTM D2270	-	137	137
Pour Point	ISO 3016 / ASTM D97	°C/°F	-36 / -33	-45 / -49
Flash Point - open cup method	ISO 2592 / ASTM D92	°C/°F	208 / 406	200 / 392
Copper corrosion (24 hrs@100°C/212°F)	ISO 2160 / ASTM D130	Rating	1	1

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.

Viscogen G and G 175
10 Jun 2025
Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Industrial, Technology Centre , Whitchurch Hill , Pangbourne , Reading , RG8 7QR , United Kingdom

<http://msdspds.castrol.com>