

### FUNCTIONAL GL-200

#### Water-White Gelled Petroleum Base (20K cP)

##### APPLICATION:

**FUNCTIONAL GL-200** is a multipurpose gelled base for petroleum-based gels, pastes, creams, and cosmetics in the personal care market.

**FUNCTIONAL GL-200** is available at 20,000 cP but variants are available from 10,000 cP to 175,000 cP on demand.

##### COMPOSITION:

**FUNCTIONAL GL-200** is made using USP grade white mineral oil.

Typical Properties	
Appearance	Clear Colorless, Gel
Dynamic Viscosity @ 25C	20,000 cP
Density (lb/gal)	7.1 – 7.2 lb/gal
Flashpoint, ASTM D92 COC	>170°C (338°F)
INCI Name and Registration	Pending
NSF HX Approval	Pending

##### TREATMENT LEVEL:

**FUNCTIONAL GL-200** can be used at 10 – 100wt% as a carrier for rust preventatives, assembly lubricants, polymer grease, solid lubricants, and more. **FUNCTIONAL GL-200** is pending an INCI listing for use in personal care products and cosmetics.

**FUNCTIONAL GL-200** imparts exceptional water resistance and greatly reduces oil bleed when used as a component of industrial greases, assembly lubricant, and anti-seize or thread joint compounds.

##### HANDLING:

**FUNCTIONAL GL-200** pours at room temperature but may be preheated in a hot room or tank at up to 176°F (80°C) to aid in pumping but long term storage should remain below 140°F (60°C).

**FUNCTIONAL GL-200** is a non-hazardous material; see the current Safety Data Sheet.

This Technical Data Sheet and the Safety Data Sheet contain information believed to be accurate and reliable. No warranty is made, however, to information beyond the control of FUNCTIONAL PRODUCTS INC. The engineering and management personnel of the user are responsible for determining the suitability of this or any product for any specific application, and this information is offered to them for that purpose.

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