



TECHNICAL DATA SHEET ZFL-42

DESCRIPTION

ZFL-42 is special fluorinated grease. This high performance grease which is based upon a mid range viscosity perfluoropolyether (PFPE) fluid is non-flammable, white and odourless whilst offering excellent frictional and lubrication properties.

ZFL-42 is totally inert both physically and chemically and is totally resistant to all common solvents, chemicals and water. This grease is extremely thermally stable and has a very wide operating temperature range.

It is universally compatible with elastomers and plastics. **ZFL** greases are totally compatible with oxygen, chlorine and many other aggressive chemicals and gases.

TYPICAL APPLICATIONS

ZFL-42 is suitable for the lubrication of all mechanisms subjected to aggressive or corrosive conditions, high or low temperatures.

It is also suitable for the lubrication of all plastic and rubber components due to its universal material compatibility and is ideal as durable 'anti-squeak' grease for automotive applications.

ZFL-42 is also ideal for use within the electrical industry where a thin application of lubricating grease is required, it can be applied to electrical contacts and connectors to enhance their performance.

ZFL-42 can be applied easily either manually or by automatic dispensing equipment.

TYPICAL PROPERTIES

| PROPERTY | VALUE | UNITS | TEST METHOD |
|---|-------------|-------|-------------|
| Kinematic Viscosity (Base oil) @ 20°C/40°C | 470/150 | cSt | ASTMD445 |
| Nature of active ingredient | PFPE/PTFE | | |
| Specific Gravity (base oil) | 1.91 | kg/m3 | ASTM 891 |
| Colour | White | | |
| Pour Point | <- 40 | ° C | |
| Flash Point | Without | °C | |
| Useful Temperature Range | -40 to 200+ | °C | |

The information set forth herein is furnished free of charge and is based on technical data that KMR Photographic Services Ltd. believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Because conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.