



# Chem-Trend® PL-773

## Liquid Plunger Lubricant with graphite

### Description

Chem-Trend® PL-773 is plunger oil with special active ingredients and additives, plus colloidal graphite for improved wear protection and emergency running properties. It has the following advantages:

### Benefits

- High load carrying capacity
- Good adhesion
- Good temperature stability
- Very little smoke development
- High flash / ignition point

### Typical Properties

Appearance	Black fluid
Viscosity (40°C)	~ 460 mm <sup>2</sup> /s
Density (20° C)	~ 0,91 g/cm <sup>3</sup>
Storage stability, unopened container	36 months

### Application

Chem-Trend® PL-773 is used in pressure die casting of non-ferrous metals to reduce friction and wear between the plunger and the chamber walls. It ensures smooth starting operations, preventing chattering noises and stick slip.

This oil can be applied by:

- Spraying
  - Dripping
  - Brush
- a) Onto the plunger  
b) 0,5 g in the chamber onto the injection point

The required quantity depends not only on the plunger diameter, but also on the thermal condition of the injection system. The optimum dosage for your casting requirements is best determined by evaluation.

### Storage

Do not store at temperatures above 40°C. Keep from freezing. If stored in low temperatures, allow product to warm up to room temperature before using. Keep container tightly sealed to prevent evaporation/contamination.

### Handling

We believe Chem-Trend® PL-773 has a low degree of hazard when used as intended. For more information, request a copy of Chem-Trend's Material Safety Data Sheet.

### Packaging

Chem-Trend® PL-773 is available in a variety of package sizes. Please contact Chem-Trend customer service for details.

### Further Information

Request information on our complete range of materials for this industry from your Chem-Trend sales representative.

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