



## Product Data

# Optimol Paste PL

Especially Suited For Highly Loaded Sliding Surfaces

### Description

**Optimol Paste PL** is especially suited for highly loaded sliding surfaces as well as for base and thin-film lubrication at high pressures and temperatures.

### Features

**Optimol Optitec**® technology.

Wide range of applications.

Immediate lubricating effect.

Available in Aerosol Spray can for easy spray application

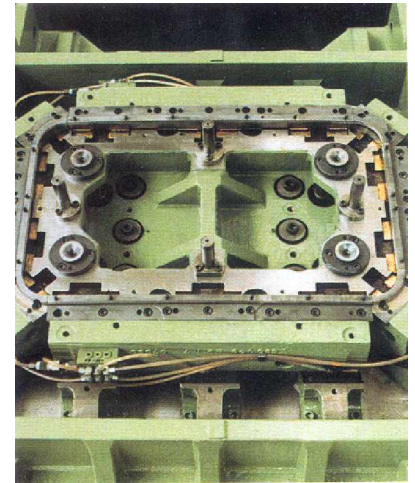
Thermally stable.

Excellent emergency running properties due to especially selected solid lubricants.

Good adhesion and separation.

Prevents stick-slip.

Temperature application range: -30°C/- 22°F up to about + 450°C/+ 842°F  
(In case of reduced air supply up to + 600°C/+ 1112°F).



Slideaways at Automotive Plant

### Benefits

Economical in use.

Maximum load-bearing capacity.

Extremely low co-efficient of friction.

Good corrosion protection.

Prevents fretting corrosion.

### Applications

For screw connections, press and snug fits at high temperatures up to + 600°C/+ 1112°F

For sliding bearings, bushes and toothed wheels.

On drive trains in the automotive industry.

For base lubrication of slide ways, guides and joints.

For good separation of tool and work piece during shaping of metals.

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**PLD 1521/01**

**Bulk Item Code – 111913 – Optimol Paste PL**

## Recommendations

Clean surface. Apply thin layer of **Optimol Paste PL** with a brush or lint-free cloth. Remove excess paste.

Shake aerosol can well before use. Hold can about 15 – 20cm (6 to 8 inches) from lubricating point to apply thin and even layer of lubricant.

Only for paste-specific applications – cannot replace oil or grease lubrication.

Please avoid mixing with other pastes, greases or oils.

## Typical Data

	UNIT	VALUE	TEST METHOD
<b>PASTE PL</b>	-		-
Article No	-	08410	-
Colour	-	Grey -black	visual
Base	-	Grease-like carrier/ MoS <sub>2</sub> and solid lubricants with synergetic effect/mineral oil	-
NLGI grade	-	2	DIN 51818
Worked penetration	0.1mm	265 – 295	DIN ISO 2137
Density at + 20°C/ + 68°F	g/cm <sup>3</sup>	1.500	DIN 51757
Erichsen screw test Total friction	-	0.07	DIN 946

These technical data are based on average test results. Minor deviations may occur from case to case. Further product information is available on request.

## Health, Safety and Environment

For further information please contact the Technical Advice Line on 1300 557 998.

Spillage: **SMALL - 20 LITRES OR LESS**  
Soak up on Castrol Diatomaceous Earth or similar inert oil absorbent. Arrange for disposal through an approved facility.

**LARGE - GREATER THAN 20 LITRES**  
Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. If possible contain the spill. Place inert absorbent material such as vermiculite, sand or dirt onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

**Disposal:** Dispose of waste according to federal, E.P.A., state and local regulations. Assure conformity with all applicable regulations.

All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol Industrial Australia Inc. products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product.

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