



## Product Data

# Optitemp 636

Low temperature grease

## Description

Castrol Optitemp™ 636 is a fully synthetic lithium grease for longterm and lifetime lubrication. Optitemp 636 is specially developed for use at low temperatures as well as at normal temperatures. It has good compatibility with plastics and elastomers and is especially suitable for lubrication of slide bearings.

## Application

- Sliding contacts in the field of operating the shiftgear lever in vehicles
- For sliding contact surfaces: metal/plastic and plastic/plastic
- Temperature application range: - 50°C/- 58°F to + 120°C/+ 248°F

## Advantages

- Easy startup at low temperatures
- Good corrosion protection
- Excellent water stability
- Wide temperature range
- Reduction of friction coefficient
- Compatible with NBR rubber

## Typical Characteristics

Name	Method	Units	Optitemp 636
Appearance	Visual	-	Homogeneous
Color	Visual	-	Beige
Thickener Type	-	-	Lithium Soap
Base Oil	-	-	Synthetic
Worked Penetration (60 strokes @ 25°C / 77°F)	ISO 2137/ ASTM D217	0.1 mm	265-295
Density @ 20°C / 68°F	ASTM D4052 / DIN 51757D	kg/m³	830
Base Oil Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D445	mm²/s	18
Dropping point	ISO 2176 / ASTM D566	°C/°F	>180/>356
Flow Pressure @ 20°C / 68°F	DIN 51805	mBar	75-125
Flow Pressure @ -35°C / -31°F	DIN 51805	mBar	<450

Optitemp 636

12 Jan 2012 Subject to usual manufacturing tolerances

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