



## Olista Longtime Range

Long-term Greases with MICROFLUX TRANS™, the Load-active Additive Combination

### Description

Castrol Olista™ Longtime are mineral oil based, lithium soap greases. They are particularly suited for long-term lubrication and for heavy mechanical loads such as extremely high pressures, vibrations and shock loads.

### Application

- For long term lubrication even under the most difficult operating conditions such as extreme pressure, vibrations, shock loads and a wide temperature range in highly loaded rolling and sliding bearings
- For open gearwheels and worm gears at low speeds
- Olista Longtime 3 EP for especially highly loaded bearings in all areas of industry
- Olista Longtime 3 is ideal for wheel bearings (tapered roller bearings)
- Temperature application range:
  - 30°C/- 22°F to + 140°C/+ 284°F (NLGI grade 1 and 2)
  - 25°C/ -13°F to + 140°C/+ 284°F (NLGI grade 3)

### Advantages

Compared to conventional greases provides the following advantages:

- Shortened running-in phase, suited for long term and in some cases lifetime lubrication.
- Outstanding load bearing capacity.
- Optimum wear protection in the high load range.
- Smoothing of existing surface damage..
- Significantly reduced coefficient of friction.
- Aging-resistant and shear-stable.
- Resistant to cold and hot water.
- Extraordinary adhesion, water and dirt repellent.
- Extended service life of machine elements.
- Olista Longtime 1,2 and 3 provide excellent corrosion protection.
- Olista Longtime 3 EP helps to prevent fretting corrosion
- As a result of these advantages, the Castrol Olista Longtime range helps to lower energy, maintenance and disposal costs.

## Typical Characteristics

Name	Method	Units	Olista Longtime 1	Olista Longtime 2	Olista Longtime 3	Olista Longtime 3 EP
Colour	Visual	-	Brown	Brown	Brown	Brown
Base Oil	-	-	Lithium Soap / Mineral Oil	Lithium Soap / Mineral Oil	Lithium Soap / Mineral Oil	Lithium Soap / Mineral Oil
Worked Penetration (60 strokes @ 25°C / 77°F)	ISO 2137 / ASTM D217	0.1 mm	310 - 340	265 - 295	220 - 250	220 - 250
Worked Penetration (100,000 strokes @ 25°C / 77°F) - change from 60 strokes	ISO 2137 / ASTM D217	0.1 mm	35	35	35	30
Dropping Point	ISO 2176 / ASTM D566	°C/°F	>180/>356	>180/>356	>185/>365	>185/>365
Water Resistance	DIN 51807-1	Rating	1	1	1	1
Rust Test - EMCOR (distilled water)	ISO 11007 / ASTM D6138	Rating	0	0	0	n/a
Copper Corrosion (24 hrs, 100°C / 212°F)	ASTM D4048	Rating	1	1	1	1

Subject to manufacturing tolerances.

## Additional Information

In order to minimise potential incompatibilities when converting to a new grease, all previous lubricant should be removed as much as possible prior to operation. During initial operation, re-lubrication intervals should be monitored closely to ensure all previous lubricant is purged

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