



Product Data Sheet

OPTIMOL OLISTA LONGTIME

Long-term greases with MICROFLUX TRANS[®], the load-active additive combination

DESCRIPTION

OPTIMOL OLISTA LONGTIME are solid-free, especially adherent 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.

APPLICATIONS

- For maintenance-free or low-maintenance long-term lubrication
- Under extreme operating conditions such as moisture, dust, open air, vibrations, shock loads, extremely high loads
- In highly loaded sliding and rolling bearings
- For open gearwheels and worm gears at low speeds
- OPTIMOL OLISTA LONGTIME 3 EP for especially highly loaded bearings in all areas of industry
- OPTIMOL 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

- shortened running-in phase, suited for lifetime lubrication
- surface improvement to an extent not possible before
- outstanding load bearing capacity
- optimum wear protection in the high load range
- smoothing of existing surface damage
- excellent corrosion protection helps to prevent fretting corrosion
- 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
- lower energy, maintenance and disposal costs

NOTES FOR USE

- Compatible with all conventional sealing materials and non-ferrous metals.
- Grease rolling bearing, fill bearing housing only about half-full with grease. For relubrication grease bearing until new grease appears at vent point.
- Specification of rolling bearing manufacturers must be followed.



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Technical data

	Unit	Value				Test method
		1	2	3	3 EP	
OPTIMOL OLISTA LONGTIME	-	1	2	3	3 EP	-
Article no.	-	08210	08212	08214	08198	-
Color	-	brown				visual
Base	-	lithium soap/mineral oil				-
Consistency/NLGI grade	-	1	2	3	3	DIN 51818
Worked penetration	0.1 mm	310-340	265-295	220-250	220-250	DIN ISO 2137
Difference: Pw 100,000 - Pw 60	0.1 mm	35	35	35	30	-
Dropping point	°C °F	> 180 > 356	> 180 > 356	> 185 > 365	> 185 > 365	DIN ISO 2176
Water resistance at + 90°C/+ 194°F	-	1	1	1	1	DIN 51807 T. 1
Corrosion protection (SKF Emcor)	-	0	0	0	0	DIN 51802
Copper corrosion protection at + 100°C/+ 212°F	-	0	0	0	0	DIN 51811

These technical data are based on average test results. Minor deviations may occur from case to case.

For further product information please contact the Technical Service of Castrol Industrie GmbH.

Above data are based on extensive tests and practical experience. Considering the wide range of application requirements, they cannot, however, guarantee success in every single case. We therefore recommend practical trials. We reserve the right to change the product composition with a view to further improvement.