



Product Data

Optimol Olista LT

Solid-free, Especially Adherent, Lithium Soap Greases

Product Description

Optimol Olista LT are solid-free, especially adherent, lithium soap greases. They contain **Microflux Trans**[®] additive technology to ensure optimum wear protection and an extremely low co-efficient of friction, even under high pressures, vibration, shock loads, at high or low speeds or varying operational conditions.

Features

- Excellent adhesion, water repellent, good sealing properties.
- Aging resistant and shear stable.
- Outstanding load carrying capacity.
- Resistant to cold and hot water.
- Excellent rust protection.
- Ease of pumpability in central lubrication systems.
- Temperature application range:
30°C/-22°F to +140°C/+284°F (NLGI grade 1,2)
-25°C/-13°F to +140°C/+284°F (NLGI grade 3)



Rolling Bearings

Benefits

- Lower operating costs due to extended regreasing intervals.
- Extended service life of machine elements due to surface improvements providing low maintenance routines.
- "Life" lubrication in some applications.
- Simplification and reduction of lubes.
- Save costs by reducing quantity of spare parts held in store.

Applications

- For maintenance-free or low-maintenance long-term lubrication.
- Under extreme operating conditions such as moisture, dust, open air, vibrations, shock loads and extremely high loads.
- For open gearwheels and worm gears at low speeds.
- Optimol Olista LT 3EP** for highly loaded bearings in all areas of industry.
- Optimol Olista LT 3** is ideal for wheel bearings (tapered roller bearings).

PLD 1454/00

Bulk Item Code – Optimol Olista LT1 – 113127

Bulk Item Code – Optimol Olista LT2 – 107417

Bulk Item Code – Optimol Olista LT3 – 113131

Bulk Item Code – Optimol Olista LT3EP – 113134

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Recommendations

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.

Typical Data

	Unit	Value				Test Method
		1	2	3	3EP	
OLISTA LT	-	1	2	3	3EP	-
Article no.	-	08210	08212	08214	08198	-
Colour	-	Brown				Visual
Base	-	Lithium soap/mineral oil				-
Consistency/NLGI grade	-	1	2	3	3	DIN 51818
Worked penetration	0.1mm	310-340	265-295	220-250	220-250	DIN ISO 2137
Difference: Pw 100,000 - Pw 60	0.1mm	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
Four ball O.K. load	N	2800	3000	3000	3400	DIN 51350 T.4
Water washout loss	m%	1	1	<1	<1	ASTM D 1264
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.

Health, Safety and Environment

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

Spillage: Spills should be contained, absorbed and placed in suitable containers for disposal. Do not discharge into waterways or sewer systems.

Disposal: US EPA HAZARDOUS WASTE NUMBERS:
This material is regulated as used oil by the EPA. Under the Used Oil Management Standards (40 CFR 279) effective 3/8/93, EPA presumes used oil will be recycled. If it is, no characteristic determination is required provided all parties handling the used oil comply with part 279. These management standards apply to used oil until it is disposed of or sent for disposal. Individual state regulations may differ from the federal regulations. Refer to applicable state and local regulations for proper handling procedures.

GENERAL DISPOSAL CONSIDERATIONS:
Dispose of in accordance with local, state and federal regulations. Disposal of this material to the land may be banned by federal law (40 CFR 268).

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.