



## **Energrease LC2-T**

Tacky High Temperature Grease

### **Product Data**

#### **Description**

**BP Energrease LC2-T** is a high performance, tacky, lithium complex grease. It offers selected additives to enhance resistance to oxidation, corrosion and wear. This grease has been formulated to provide excellent high temperature lubrication, good adhesion to metal surfaces and resistance to water.

#### **Applications**

**BP Energrease LC2-T** is formulated for grease lubricated plain or roller bearings operating up to 180°C. It has been designed to service bearings and chassis of equipment working at extreme loads and duty for prolonged periods. It provides superior performance in applications, such as earthmoving and mining, where excessive vibration is experienced.

Other automotive applications include truck and trailer chassis, turntable and wheel bearings and passenger car chassis and wheel bearings, including those in proximity to disc brakes.

#### **Benefits**

- Suitable for use in high temperature applications.
- Extreme pressure load carrying ability.
- Excellent adhesion to metals, proving lubrication under extreme operating conditions.
- Good low temperature performance and pumpability.
- Extreme pressure and anti-wear properties.
- Rust and oxidation inhibited.
- Good water resistance, maintains optimum lubrication in moist or wet environments.
- Good mechanical and shear stability.



## Storage

All packages should be stored under cover and secure at moderate temperatures. Always reseal containers after use. Grease guns and grease systems should be maintained clean and in good working order.

## Health & Safety Recommendations

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet, which can be obtained by contacting the BP Lubricants and Fuels Technical Helpline on 1300 139 700, BP Australia or its subsidiaries. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products. BP Australia will not accept liability if the product is used other than in the manner or with the precautions or for the purpose/s specified. Before the product is used other than as directed, advice should be obtained from the local BP office or BP Lubricants and Fuels Technical Helpline 1300 139 700.

## Typical characteristics

	Test Method	Units	Energrease LC2-T
Thickener		-	Lithium complex soap
NLGI Classification	-		2
Texture	-		Smooth, tacky
Colour	Visual	-	Blue-green
Drop Point	ASTM D2265	°C	265
Penetration @25°C			
60 Strokes	ASTM D217	ddm	280
10,000 Strokes	ASTM D217	ddm	285
EMCOR Rust Prevention	IP220	Rating	0
Copper Corrosion (24h/120 °C)	ASTM D1261	Rating	1b
Water Wash-out (1h/38 °C)	ASTM D1264	Rating	1
Timken OK Load	ASTM D2509	Kg	16
Four Ball Weld Scar	-	mm	0.5
Base Oil Viscosity @ 40 °C	ASTM D445	cSt	185
Pumpability	-	g/min	62
Oil Separation (168h/40 °C)	IP 121	% mass	3.4

*The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.*

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