



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

[www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)

## PRODUCT DATA SHEET

### LITHPLEX TAC EP2 GREASE

#### PRODUCT DESCRIPTION

**LITHPLEX TAC EP2 GREASE** is superior multi-purpose grease possessing excellent lubrication characteristics for a wide range of anti-friction and plain bearings, gears and couplings in automotive, marine, agricultural and industrial application. The extreme pressure and anti-wear properties enables the grease to give long service life under high loading and shock loading conditions from low temperature to very high temperature environments. These special characteristics of shear stability, combined with the inclusion of effective rust, oxidation and corrosion inhibitors, and tackiness adhesive additives, ensure this grease is the preferred recommendation for sealed for life anti-friction bearings.

#### CHARACTERISTICS

**FUNCTIONAL MULTI-PURPOSE** grease for low and high temperatures. It has an operating temperature range of -20°C to 170°C, but has shown that it provides lubricating protection even for intermittent operation up to 200°C. Its ability to prevent scuffing and reduce wear under high load and shock load conditions, together with its excellent resistance to shear and high temperature operation, makes it preferred over other multi-purpose greases.

**SEALED FOR LIFE BEARINGS** have assured long service life due to the exceptional oxidation, rust and corrosion resistance of **LITHPLEX TAC EP2 GREASE**. With extended service, it maintains its original consistency. It will not thicken since it resists oxidation. It will not thin out because it is shear resistant.

**WATER RESISTANCE:** Where water contamination or the water wash out contaminating influences cannot be avoided, even at elevated temperatures, effective lubrication is maintained because of the excellent resistance of **LITHPLEX TAC EP2 GREASE** to water wash out. In these situations it also gives protection against rusting and corrosion.

**ADHESIVE AND COHESIVE:** **LITHPLEX TAC EP2 GREASE** resists "Squeeze Out" from surfaces requiring lubrication under load conditions.

**ENVIRONMENTALLY FRIENDLY:** **LITHPLEX TAC EP2 GREASE** is free from lead, chlorine, nitrite, and aromatic extract

#### RECOMMENDATIONS

**LITHPLEX TAC EP2 GREASE** is the prime recommendation for use in applications where high thermal resistance is required. These applications include industrial, automotive, earthmoving and marine applications such as wheel bearings, chassis, boat trailer wheel bearings and other applications requiring grease lubrication. Prime choice for electric motors. It is recommended for ball joints which demand characteristics will ensure minimum wear and minimum torque with complete protection against rust.

Hi-Tec suggests that the equipment manufacturers' recommendations for grade, performance requirements and general operating conditions should be checked prior to use.



AUSTRALIAN FAMILY OWNED SINCE 1989





Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

[www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)

## PRODUCT DATA SHEET

### TYPICAL PROPERTIES

Property	Method	Typical Results
Appearance	-	Smooth, Tacky Grease
Colour	-	Blue
NLGI Grade	-	2
Soap Type	-	Lithium Complex
Base Oil	-	Refined Mineral Oil
Worked Penetration	IP50	265-295
Dropping Point, °C	IP132	270 min
Oil Separation %	IP121	1.5max
Copper Corrosion	IP112	Pass
Resistance to Corrosion Emcor (a)	IP220	0:0
Water Washout @ 39°C, %	ASTM D1264	1
4-Ball Weld, Kg/f	IP239	450
Operating Temperature Range °C	-	-20 to 170
Roll Stability	ASTM D1831	+10 max
Base Oil, cSt @ 40°C	D445	220

**Available in:** Bulk, 180kg, 55kg, 20kg, 2.5kg, 0.5kg, 450g cartridges and 400g cartridges

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au). Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at [www.hi-tecoils.com.au](http://www.hi-tecoils.com.au)"

**Item Code:** HI7-1005

**Effective:** August 2019

MR918031/1



AUSTRALIAN FAMILY OWNED SINCE 1989

