



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

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PRODUCT DATA SHEET

TRUCK AND FARM GREASE

PRODUCT DESCRIPTION

Truck and Farm Grease is a red, semi-synthetic, smooth, tacky grease recommended for use in bearings, chassis parts, gears and couplings in automotive, agricultural, marine and industrial applications.

Truck and Farm Grease is used for bearing lubrication from normal to unusually severe load conditions, for high and low temperature applications, and situations where water spray or ingress is encountered.

CHARACTERISTICS

Truck and Farm Grease is manufactured with lithium complex thickener and selected synthetic and paraffinic base oils combined with rust, oxidation and corrosion Inhibitors, tackiness additives and effective extreme pressure additives to cater for unusually high load service conditions.

Truck and Farm Grease protects against wear on all moving parts from shock loadings to unusually high-load service. It helps prevent scuffing and further assists in wear prevention because it has excellent shear stability as the ability to withstand high load extreme pressure situations.

Truck and Farm Grease resists "squeeze-out" under heavy load conditions from surfaces requiring lubrication. It has been specially formulated to include a shear-stable tackiness agent which, unlike other lithium complex greases, has the extra tenacity for "stay put" lubrication, and the ability to resist water washout or water spray dilution.

Truck and Farm Grease has high shear stability which ensures long service life particularly in sealed anti-friction bearings. The excellent resistance to mechanical shear combined with high film strength maintains grease consistency for extended lubrication service.

Truck and Farm Grease is oxidation inhibited for long service life, and rust and corrosion inhibited to provide effective lubrication under difficult corrosive environments or in rust prone service situations. The inhibitors protect most metal components under these adverse conditions.

RECOMMENDATIONS

INDUSTRIAL and GENERAL - Recommended for ball, roller, needle and slow speed plain bearings operating under all service conditions. **Truck and Farm Grease** has an excellent service record under unusually high load and/or shock load service conditions.

AUTOMOTIVE - Recommended for chassis universal joints, and other general lubrication areas in cars, trucks, tractors, trailers etc.

Care should be taken if using in wheel bearings as **Truck and Farm Grease** may be too heavy for this application. Preferably use **Lithplex Tac EP2** grease for wheel bearings.

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





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TYPICAL PROPERTIES

Description	Method	Results
Colour/Appearance	Visual	Red/Tacky
NLGI	-	2
Thickener	-	Lithium Complex
Base Oil	-	Semi Synthetic
Viscosity (cSt) @ 40°C	ASTM D-445	680
Worked Penetration (dmm)	ASTM D-217	272
Extended Worked Penetration (dmm)		
Worked 10,000 strokes	ASTM D-217	19
Worked 100,000 strokes	ASTM D-217	40
Dropping Point (°C)	ASTM D-2265	>260
Oil Separation at 168 hours @ 40°C	IP 121	1.5
Copper Corrosion 1 hour @ 120°C	ASTM D-4048	1a
Water Washout at 79°C (%)	ASTM D-1264	1.9
Water Spray Off (%)	ASTM D-4049	21
4-Ball Wear Scar (mm)	IP 239	0.58
4-Ball Weld Load (kg/F)	IP 239	450
Oxidation Stability (min)		
Time to 10% loss @ 150°C	-	153
Roll Stability (dmm) – 2 hours @ 35°C	ASTM D-1831	21
Solids (%)	-	None
Operating Range (°C)		-20 to 170

Available in: Bulk, 180kg, 55kg, 20kg and 450g 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. 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”

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