



Product Data Sheet

UHTEP GREASE

Multi-Purpose Lithium Complex Winter Grease

Product Description

TRU-BLU 'UHTEP' Multi-Purpose Winter Grease is a high temperature extreme pressure grease which lubricates at temperatures of up to 170°C. 'UHTEP' Multi-Purpose Winter Grease retains its consistency even at these temperatures to provide more cushioning and sealing protection, resulting in lower operating temperatures and less noise, friction and wear.

The formulation of 'UHTEP' Multi-Purpose Winter Grease includes lithium complex and polymers that are blended in a unique manufacturing process to ensure that the finished product is drawn into moving components, reducing grease loss and minimizing usage.

Applications

Unlike most high temperature greases, 'UHTEP' Multi-Purpose Winter Grease has excellent pumpability at low temperatures. It provides maximum anti-wear and extreme pressure protection under heavy and high shock loads, both at low and high temperatures and speeds.

'UHTEP' Multi-Purpose Winter Grease adheres to components in all conditions, reducing oxidation and extending lubrication intervals. Because of its characteristics it provides optimum protection against acid corrosion, water and condensation and resists washout.

'UHTEP' Multi-Purpose Winter Grease is suitable for everyday use wherever grease is required, including for use under the most demanding applications, such as on kiln trucks, oven chains, rock drilling rods, canning machinery, wheel bearings, universal joints, ball joints, electric motors, shackle pins, steering links, water pumps, king and bucket pins, sealed and open gears, track rollers, and boat trailers.

'UHTEP' Multi-Purpose Winter Grease is highly recommended for marine, mining, agricultural, manufacturing, earthmoving, on and off road transport and transport fleet operations.

Specifications

'UHTEP' Multi-Purpose Winter Grease saves lost production time and money by reducing inventory grease consumption, labour costs, down time and extending equipment life. Where routine preventative maintenance is practiced, 'UHTEP' Multi-Purpose Winter Grease has proven to be the most effective way of extending component and machinery life.

IMPORTANT: When first applying 'UHTEP' Multi-Purpose Winter Grease, the best results are obtained by cleaning or purging previously used grease from the component or bearing.

Packaging

205 litre drum, 20 litre pail

03-095 UHTEP Winter Grease	Revision 1.2	ISSUED: 14/07/2010	Page 1 of 2
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Typical Physical Characteristics

Property	Typical Value
NLGI Grade	Medium Soft 2.5
Thickener Type	Lithium Complex Soap. (Short Chain Fatty Acid)
Color	Blue
Mineral Base Oil Viscosity cSt, 40°C	220 typical
Unworked Penetration, D217	285 (distance in mm.)
Worked Penetration, D217, 25°C, 60 strokes	295+
Drop Point, D2265	Above 260°C
Water Washout, D1264, % Loss Max.	3
Rust Prevention, D1743, Rating	0
SKF Emor rating IP220	0
Copper Corrosion, D4048, Rating	No Corrosion
Four Ball Wear, D2266, mm Scar Diameter	0.30
Four Ball EP Weld Point, D2596, Min	340
Timken OK load, D2509, lb	100
Wheel Bearing Leakage, D1263	0.5%
Absorption (by weight) of water	Up to 60%
Suitable for use in temperatures up to	300°C (will oxidise readily, requiring re-lube) 170°C (for long period of time)

NOTE: Values stated herein are typical and do not represent a specification.