



TECHNICAL DATA SHEET

A NEW FORCE IN CHEMICAL MANUFACTURING

AEROSOLS | WELDING CHEMICALS | ADHESIVES & THREADLOCKERS | ANTI-SEIZE & GREASES | CLEANING CHEMICALS & SOLVENTS | ELECTRICAL & ELECTRONICS

Issued: May 2018

DEOX R999 High Grade Truck & Farm Grease

PART NUMBER

CT-R999-450G

AVAILABLE SIZE

450g Cartridge

PRODUCT DESCRIPTION

Chemtools® DEOX R999 High Grade Truck & Farm Grease is recommended for heavy duty fleet, agricultural, and automotive applications where a maximum performance grease is required. It provides superior performance and rust inhibition for metal and moving parts under a wide variety of uses, offering long-lasting protection under extreme temperature and pressure conditions, or in the presence of water.

High Grade Truck & Farm Grease is lithium complex thickened with a high dropping point. It contains a unique blend of anti-wear properties and functional polymers for better adhesion in wet environments, making it ideal for use on machinery and equipment suited to harsh outdoor projects and less desirable weather.

R999 is ideal for application on disc brakes, open gears, fifth wheels, wheel bearings, U-joints and ball joints, chains, wire ropes, cables, hitches, winches, and all farming, mining, railway, and marine equipment.

DIRECTIONS (READ LABEL BEFORE USE)

Ensure all surfaces and components are clean and free of dirt, contaminants, and old grease prior to application.

For optimal performance, apply a liberal coating to fixtures, fasteners, pipes, nuts, screws, bolts, slides, and other metal and moving parts.

Ensure good coverage.

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CHAIN & DRIVES
COMPLETE BEARINGS
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SERVICE & SUPPORT

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TECHNICAL DATA

TYPICAL SPECIFICATION

Colour:	Pale Brown
Texture:	Smooth
Thickener Type:	Lithium Complex
NLGI Grade:	#2
Worked Penetration, 60 Strokes (ASTM D-217):	265 - 295
Dropping Point (ASTM D-2265):	195°C Min.
Rust Test, Bearing Corrosion (ASTM D-1743):	Pass
Copper Strip Corrosion (ASTM D-4048)	Pass
Four Ball Wear Test, Scar Diameter (ASTM D-2266):	0.6 mm
Four Ball E.P. Test (ASTM D-2596) Weld Point:	620 Kg Min.
Load Wear Index (ASTM D-2596):	80
Timken OK Load LB (ASTM D-2509):	65 Min.
Shelf Life:	3 years (dependent upon storage conditions)

BASE FLUID PROPERTIES

Base Fluid Type: Petroleum Mineral Oil

Viscosity* @ 40°C, SUS	1,715 – 1,875
Viscosity* @ 100°C, SUS	110 – 122
Viscosity* @ 40°C, cSt	327 – 350
Viscosity* @ 100°C, cSt	22 – 24.5
Viscosity* Index	80 Min.

* listed without polymer

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FIRST AID & SAFETY PRECAUTIONS

Please refer to Safety Data Sheet (SDS) before use. Use with adequate ventilation and avoid breathing fumes. Avoid contact with eyes and skin. This product is capable of producing adverse health conditions, ranging from minor skin irritation to serious systemic effects. It should not be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheet (SDS) for this product have been fully understood by all persons who will work with the material.

STORAGE

Keep out of reach of children. Store in a sealed container in a cool, dry place (between 5°C - 40°C).

Do not return any unused material to its original container.

DISCLAIMER

Chemtools® has made every effort to ensure the information provided in this Technical Data Sheet is accurate at the time of publication. Chemtools® expressly recommends that the user make his/her own assessment to determine the suitability of the product for its intended purpose prior to application. Chemtools shall not be responsible for loss, damage, or injury, resulting from the reliance upon, or failure to adhere to, any recommendations or information contained herein; nor from abnormal use of the material; nor from any hazard inherent in the nature of the material.

FURTHER INFORMATION

Please visit Chemtools® online at www.chemtools.com.au for product photos, marketing materials, Technical Data Sheets, Safety Data Sheets, contact details, and other company/business related information.

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