



DANV TOOLS AUSTRALIA

Grease and Oils



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DANV TOOLS AUSTRALIA PTY LTD
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Grease

DRTG ZN50

ZN50-9502

Heavy duty high performance grease.

Boart Longyear approved

Danv DRTG ZN 50 lube: is a No.2 consistence grease, which is formulated to prevent galling, water washout, friction, fling off and wear.

It contains a tackiness additive and is made up of 50% metallic zinc within its formulation.

Application

General heavy loaded components, subject to arduous condition, hot, dusty or wet environment.

A wide variety of applications such as, thread lubricant and sliding surfaces and in particular drill rod threads. Particularly suited to exploration drilling.

Application Methods

Applicable by pump over a wide range of temperatures and can also be applied by brush, spatula, lubricator.

Appearance

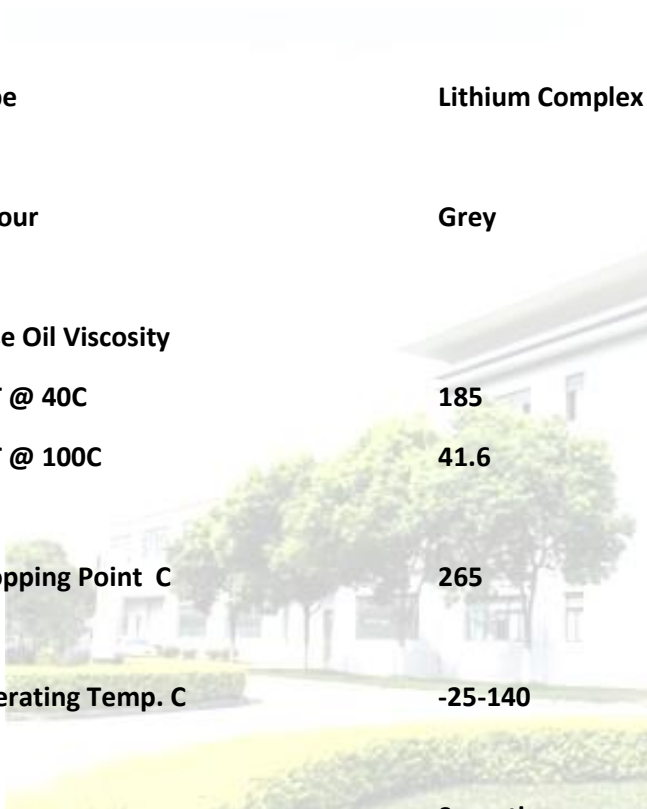
Smooth grey in colour with a tacky consistency

Health and Safety

Information is available on relevant material safety data sheet.

Performance Characteristics

KEY PROPERTIES



| | |
|---------------------------------|---------------------------|
| NLGI Grade | 2 |
| Type | Lithium Complex |
| Colour | Grey |
| Base Oil Viscosity | |
| CST @ 40C | 185 |
| CST @ 100C | 41.6 |
| Dropping Point C | 265 |
| Operating Temp. C | -25-140 |
| Appearance | Smooth |
| Penetration @ 25C worked | 280 |
| Four Ball Weld Load Kg | 500 |
| Additive | Zinc Tackifier |

Other Information

For further information on Danv Tools Australia contact 0439 303 888

All reasonable care has been taken to ensure that the information contained on this publication is accurate at the time of printing, however the information is liable to variation in the event of subsequent changes in the blend, formulation, method of storage, improper handling and usage etc.

PREMIUM LUBE RDC

PL-9501

Heavy duty high performance grease. NLGI 2

DanvPremium Lube: is a No.2 consistency grease, which is formulated to resist high temperature, water wash, fling off and wear.

It contains a tackiness additive and has lubricating solids within its formulation.

Useable temperature range in continuous service is:

-30 to 150 degrees C

Application

General heavy loaded components, subject to arduous condition, hot, dusty or wet environment.

A wide variety of applications such as, thread lubricant, general earth moving, heavy plant lubrication and sliding surfaces and in particular drill rod threads.

Application Methods

Applicable by pump over a wide range of temperatures and can also be applied by brush, spatula, lubricator or grease gun.

Appearance

Smooth grey in colour with a tacky consistency

Health and Safety

Information is available on relevant material safety data sheet.

Chemalert RMT 08 August 08

Performance Characteristics

KEY PROPERTIES

NLGI Grade 2

Type Lithium Complex

Colour Grey

Base Oil Viscosity

CST @ 40C 185

CST @ 100C 41.6

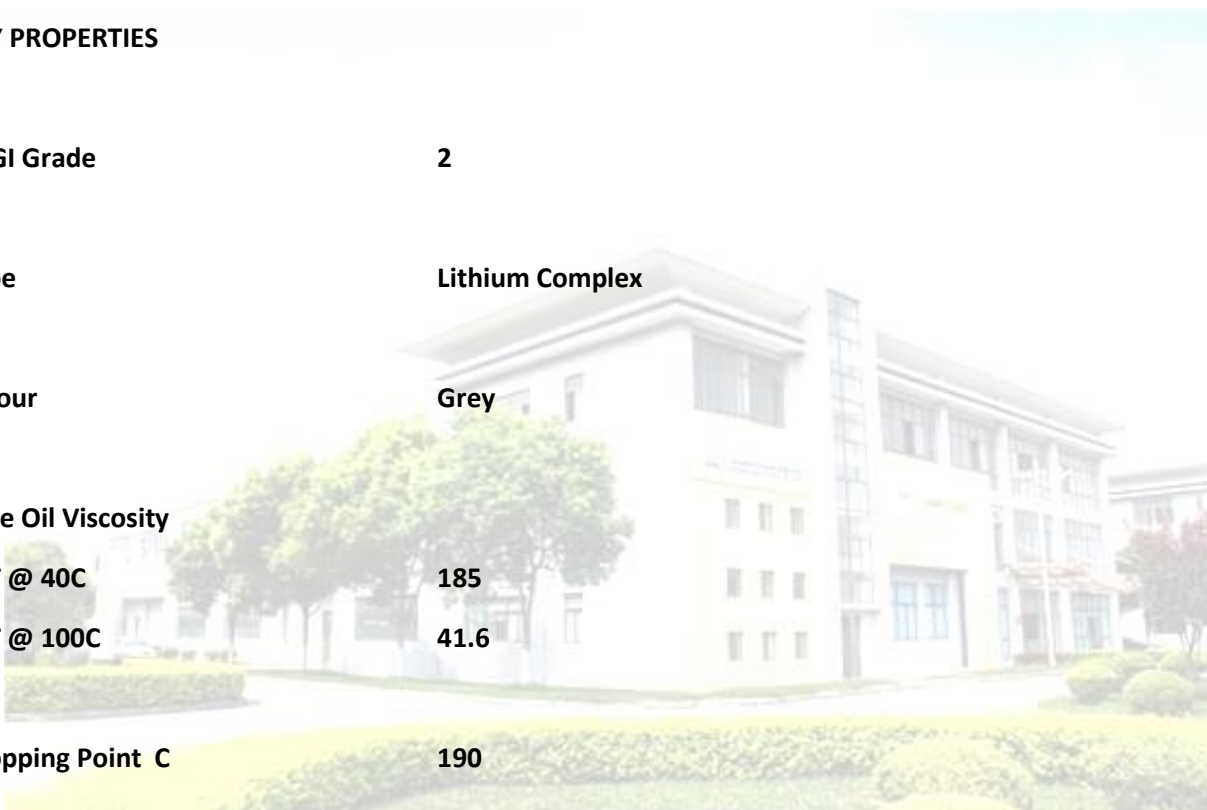
Dropping Point C 190

Appearance Smooth

Penetration @ 25C worked 270-290

Timken OK Load 32

Four Ball Weld Load Kg 800



Additives

Molybdenum Disulphide

Copper

Zinc

Tackifier

Operating Temperature

-30-150C

Other Information

For further information on Danv Tools Australia contact 0448 352 052

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EASY RELEASE THREAD GREASE

ERTG-9507

Heavy duty high performance grease. NLGI 2

Danv Easy Release Thread Grease, is a heavy duty, very high performance anti-seize grease. Contains no heavy metal fillers.

It is manufactured from a number of state of the art additives, which provide the following benefits:

Superior high and low temperature performance.

Good water and corrosion resistance.

Has number 2 NLGI rating with excellent pump-ability

Adhesive and Cohesive properties ensure excellent adhesion and anti-fling off even in wet conditions.

Extreme pressure additives provide good anti-scuffing, scoring and seizure characteristics under heavy loads.

Can be applied by grease gun, brush and pressure lubricator.

Application

Drill rod threads, Drill collars, Tool joints and other areas where anti-seize protection is required..

Application Methods

Applicable by pump over a wide range of temperatures and can also be applied by brush, spatula, lubricator or grease gun.

Appearance

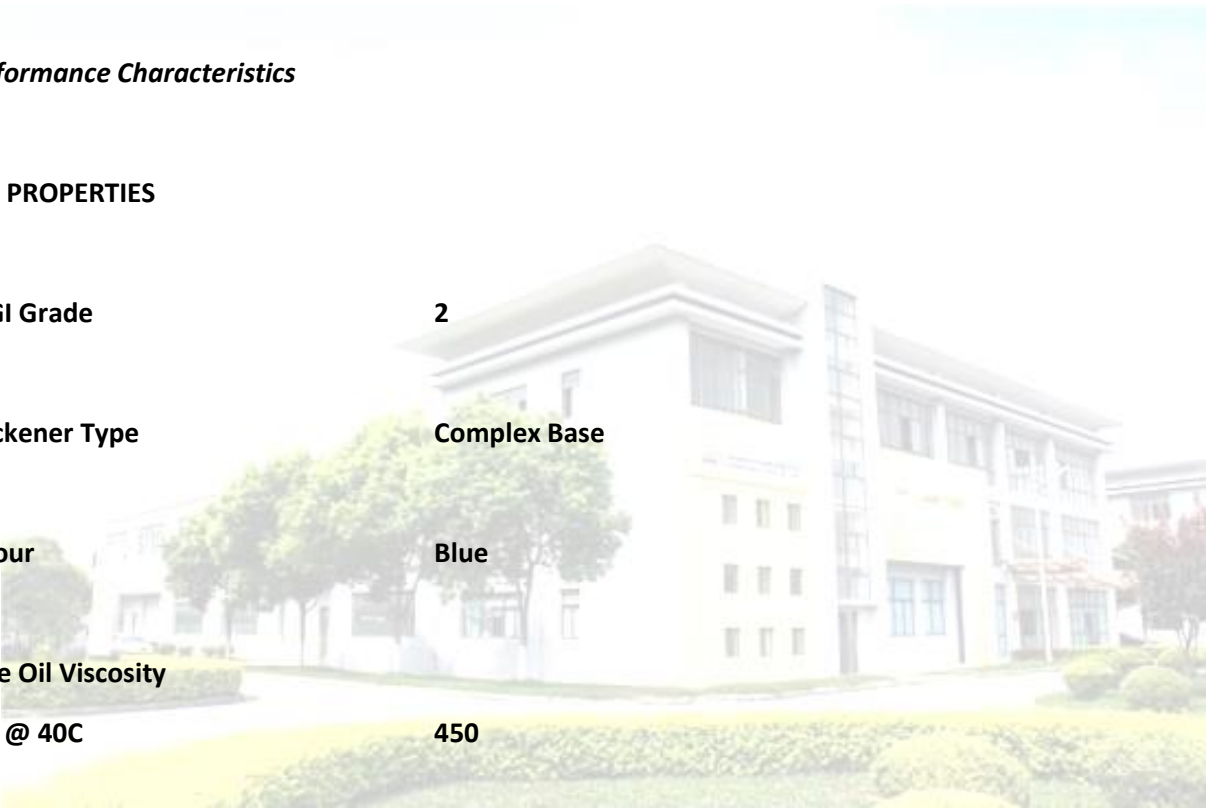
Smooth blue in colour with a tacky consistency

Health and Safety

Information is available on relevant material safety data sheet.

Performance Characteristics

KEY PROPERTIES



| | |
|---------------------------|---------------------|
| NLGI Grade | 2 |
| Thickener Type | Complex Base |
| Colour | Blue |
| Base Oil Viscosity | |
| CST @ 40C | 450 |
| Drop Point C | 266 |
| Appearance | Smooth |
| Worked Penetration | 280 |
| Timken OK Load | 16 Kg |

Four Ball Weld Load **500 Kg**

Additives **Anti seize,**

Anti oxidation

Thickeners

Tackifier

Operating Temperature **-25-140C**

Other Information

For further information on Danv Tools Australia contact 0448 352 052

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Moly Rockdrill Oil

Moly Rockdrill Oil 320 is a clear formulation oil that uses highly refined base oils and special additives with anti-wear, anti-rust, anti-friction, extreme pressure and tackiness agents; specially formulated to meet the lubrication requirements of high speed, heavily loaded rock drills, drifters, hammers and other pneumatically operated equipment.

It is blended from solvent refined paraffinic high viscosity index base stocks which allow it to operate over a wide temperature range giving excellent thermal stability and resistance to oxidation. The additive package provides extreme pressure qualities as well as protecting against rust, corrosion and oxidation.

CHARACTERISTICS

The moving parts of rock drills are designed to perform under hydrodynamic lubrication conditions. A full fluid film separates the metal surfaces of the moving parts during operation. However this film can be destroyed during periods of cold start-up and severe shock loads. Advanced technology anti-wear properties provide lubrication to the metal surfaces of rifle bars, drill pistons and cylinders of the rock drills. These will withstand very high pressures, thus reducing wear and extending equipment life.

The tackiness additive increases oil surface tension, strengthens adherence to metal surfaces, reducing fling-off and water wash-out. A range of available viscosities allows the selection of the optimum lubricant. The correct viscosity ensures that the lubricant feed from line oilers and other types metering devices provide effective trouble free lubrication to every lubricated surface of the equipment. Incorrect viscosity leads to inadequate lubricant coverage with resultant high wear rates, decreased equipment service life or even costly premature equipment failures.

Moly Rock Drill oil 320 is classified as non hazardous to the environment and has negligible odour. These can be important characteristics when exhausting oil mist into confined areas, including underground mining.

TYPICAL CHARACTERISTICS

Properties ASTM

TEST

Value

ISO Grade 320

Colour Amber

Viscosity @ 40°C cSt D445 320

Viscosity @ 100°C cSt D445 24.4

Viscosity Index D2270 98

Flash Point °C D92 250

Pour Point °C D97 -15

Timken OK Load (lbs) D2782 75

4 Ball EP – Weld Point (kg) 254

4 Ball EP – LWI (kg) 48

Rust Prevention

Characteristics

Pass

Copper Strip Corrosion 1b

Density @ 150C g/ml D4052 0.892

Packs

1000 litre

205 litre

20 litre

