

NTN Single Point Lubricators



Seize back control of your operation from downtime.



All bearings, mechanical parts and industrial processes need lubrication to optimize life and production. In addition to supplying high-quality bearings, NTN recognizes the importance that proper lubrication plays in the life and performance of all components in any manufacturing process. NTN can provide its' expertise and products to help manage this fundamental issue.

Why use NTN single point lubricators?

Over 55% of premature bearing failures are lubrication related. The most common causes are missed lubrication intervals, applying the wrong type or amount of lubricant, applying lubricant at incorrect intervals based on recommendations, excessive pressure resulting in seal failure, and contamination ingress.

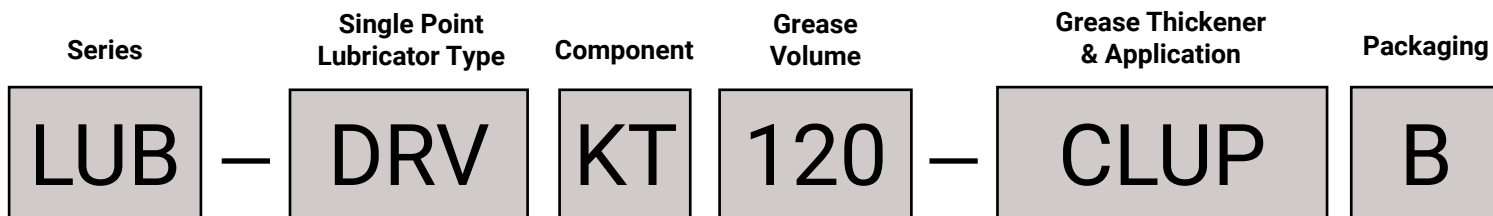
All of these problems are preventable with NTN automatic single point lubricators. Our single point lubricator tools help maintenance professionals safely and automatically schedule lubrication of bearings or chains. Save time, increase productivity, prevent avoidable injuries, and ensure regular maintenance is done on time every time with NTN single point lubricators.

SINGLE POINT LUBRICATOR FEATURES & BENEFITS:

- Easy installation to keep your operation up and running
- Constant and reliable distribution of grease prevents costly downtime due to lubrication-related bearing failures
- Adjustable and precise grease discharge periods ranging from one month to one year to keep your operation on schedule
- Gas & electromechanical powered single point lubricators available to meet the needs of any application
- Lubricant volumes ranging from 60 cc to 250 cc available to meet the greasing needs of any environment
- Standard and special grease fill options available to accommodate any application



Lubricator Part Numbering System



1. Series

LUB: Lubricator Series

2. Single Point Lubricator Type*

- RDY: Ready Unit, Gas Powered
- SMRT: Smart Unit, Electrochemical Powered**
- DRV: Drive Unit, Electromechanical Powered***

3. Component

- KT: Complete Single Point Lubricators
- RFL: Grease Refill Kit, Includes Batteries for Drive Units

4. Grease Volume

- 60: 60 cc
- 120: 120 cc
- 125: 125 cc
- 130: 130 cc
- 250: 250 cc

5. Grease Thickener & Application

- CLUP Calcium and Lithium, Universal Plus Grease
- LGHD Lithium, Heavy Duty Grease
- PGVIB Polyurea, Vibration Grease
- CSHT Calcium Sulphonate, High Temperature Grease
- ACFG Aluminum Complex, Food Grade Grease
- ACFHD Aluminum Complex, Food Grade Heavy Duty Grease
- PGUHT Polyurea, Ultra High Temperature Grease
- CCHS Calcium Complex, High Speed Grease
- PGBIO Polyurea, Biodegradable Grease
- PGEM Polyurea, Electric Motor Grease
- OLFCO Food Chain Oil
- OLCO Chain Oil
- LCSS: Lithium Complex, Semi Solid
- XXX: Special Grease is Numerical

6. Packaging

- Blank: 1x1 Box
- B: Bulk Packaging

* Mounting adapter sold separately. Common mounting accessories can be found on next page
 ** Complete Smart units come with battery powered control cap, lubrication cup.
 *** Complete Drive units come with motor, lubrication cup, battery pack, and support base.

Ready 1st Order and Reorder



Smart 1st Order



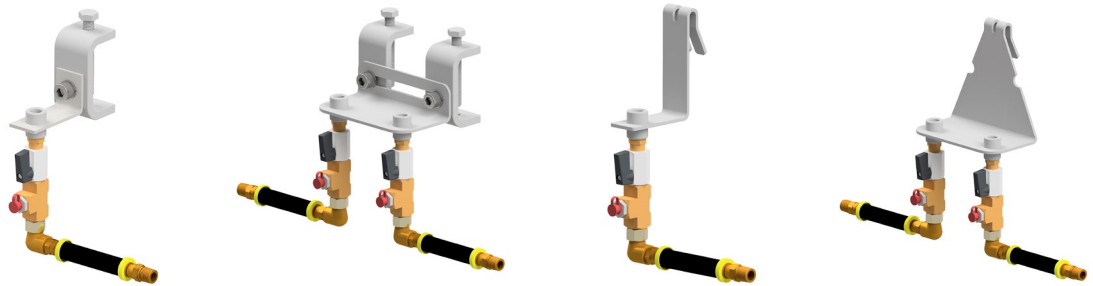
Smart Reorder



Maximum remote mounting distance for Ready and Smart units is six feet with a 3/8 inch diameter hose.

Remote Mounting Accessories

Standard Duty Kits



Product Name	LUB-SDBKT-1P-2.56IN-3FT	LUB-SDBKT-2P-2.56IN-6FT	LUB-SDCKT-1P-3FT	LUB-SDCKT-2P-6FT
Description	1 point beam 2.56 inch stainless steel clamp mount with 3 ft hose and hose connector	2 point beam 2.56 inch stainless steel clamp mount with 6 ft hose and hose connectors	1 point stainless steel cage hanger mount with 3 ft hose and hose connector	2 point stainless steel cage hanger mount with 6 ft hose and hose connectors

Heavy Duty Kits



Product Name	LUB-HDBKT-1P-2.56IN-10FT	LUB-HDBKT-2P-2.56IN-20FT	LUB-HDCKT-1P-10FT	LUB-HDCKT-2P-20FT
Description	1 point beam 2.56 inch stainless steel clamp mount with heavy duty cover, 10 ft hose, and hose connector	2 point beam 2.56 inch stainless steel clamp mount with heavy duty cover, 20 ft hose, and hose connectors	1 point stainless steel cage hanger mount with heavy duty cover, 10 ft hose, and hose connector	2 point stainless steel cage hanger mount with heavy duty cover, 20 ft hose, and hose connectors

Drive 1st Order

Drive Reorder



Maximum remote mounting distance for Drive units is 15 feet with a 3/8 inch diameter hose.

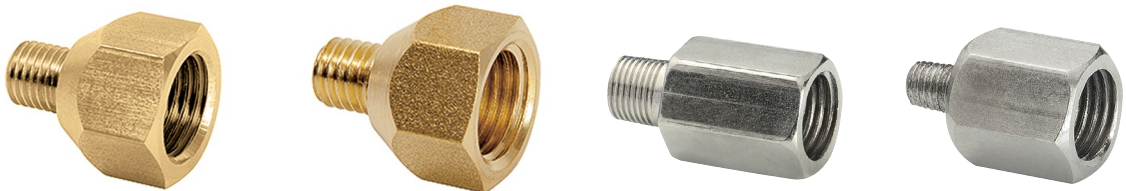
Direct Mounting Accessories

Elbows



Product Name	LUB-ANGLE45-1/4	LUB-ANGLE90-1/4	LUB-ANGLE45-1/8	LUB-ANGLE90-1/8
Description	45 degree elbow NPT 1/4M - 1/4F	90 degree elbow NPT 1/4M - 1/4F	45 degree elbow NPT 1/8M - 1/4F	90 degree elbow NPT 1/8M - 1/4F

Adapters



Product Name	LUB-ADAPTER-M6	LUB-ADAPTER-M8	LUB-ADAPTER-1/8NP	LUB-ADAPTER-1/4NP
Description	Adapter M6 M - 1/4F	Adapter M8 M - 1/8F	Adapter 1/8M - 1/4F nickel plated	Adapter 1/4M - 1/4F nickel plated

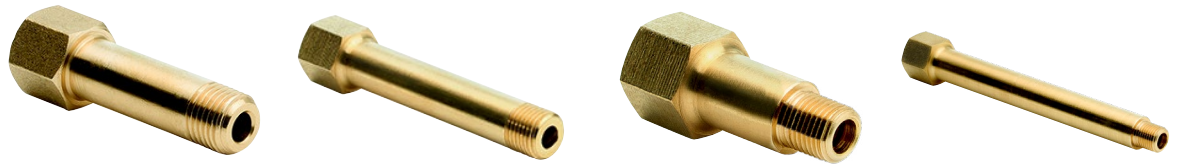
Choice of Installation Method Decision Making Guide

In many cases, it is safer to install remote mount lubrication systems as access cannot be free from hazards while machinery is operating.

A "YES" to any of the following questions indicates that remote mounting is likely to be required.

1. Is it necessary to remove protective guards or safety cages to access the lubrication point?
2. Is it difficult or unsafe to access the lubrication point while equipment is running?
3. Is the lubrication point subject to severe vibration or high temperatures which may damage the lubrication system?
4. Is it necessary to get permits to access lubrication points such as those in confined spaces or located at heights?
5. Is the lubrication point exposed to excessive amounts of water, process materials or impact from solid material?

Extensions



Product Name	LUB-EXTENSION-1/4-2IN	LUB-EXTENSION-1/4-4IN	LUB-EXTENSION-1/8-2IN	LUB-EXTENSION-1/8-4IN
Description	Extension 2 inch NPT 1/4M - 1/4F	Extension 4 inch NPT 1/4M - 1/4F	Extension 2 inch NPT 1/8M - 1/4F	Extension 4 inch NPT 1/8M - 1/4F

Oil Brushes



Product Name	LUB-OILBRUSH-.8-1/4	LUB-OILBRUSH-1.6X1.2-1/4	LUB-OILBRUSH-2.4X1.2-1/4	LUB-OILBRUSH-3.9X1.2-1/4
Description	Oil brush .8 inch horsehair NPT 1/4	Oil brush 1.6 X 1.2 inch NPT 1/4F	Oil brush 2.4X 1.2 inch NPT 1/4F	Oil brush 3.9 X 1.2 inch NPT 1/4F

Covers



Product Name	LUB-SDCOVER-250	LUB-HDCOVER-250
Description	Standard duty protection cover for Drive 250cc units	Heavy duty protection cover for Drive 250cc units

Beyond Bearings

Training. Installation support.
Troubleshooting. And more.

When you choose NTN, your team is equipped with all the necessary tools and resources to get the job done right. From installation to problem solving, we'll be there with the hands-on support you need to take on your toughest challenges. This includes extra services such as:



Technical Training Unit

On-site, mobile training unit offering specialized, hands-on instruction from NTN engineers



Product Training School

Three days of in-depth instruction from NTN engineers at headquarters
(go.ntnamericas.com/trainingschool)



eKnowledge

WEB-BASED TRAINING PROGRAM

Six online product training modules covering different bearing types and nomenclature
(www.ntnamericas.com/eknowledge)



NTN Bearing Finder

Customizable search tool featuring exhaustive data sets, comprehensive part interchanges and interactive CAD drawings
(bearingfinder.ntnamericas.com)



Here to be your point man.

For all your on-site service and support needs with proper product selection, installation training and troubleshooting/problem solving, contact your local NTN Sales Representative or call **1-800-323-2358**.

For additional technical questions, email eng@ntnamerica.com.

