

# TP-2510 BEARING GEL

## OUTLASTS ALL CONVENTIONAL GREASE

Tom-Pac® TP-2510 is a multi-purpose lubricating gel designed for industrial use. It will perform well in applications exposed to high load, high temperature or wet environments making it an excellent choice for plant-wide lubrication.

● HIGH LOAD ● HIGH TEMP ● WATER RESISTANT ●

### Benefits:

**Non-melting formula** - Gel stays on intended surfaces. Normal grease will melt and drip out of the applications in high temperature conditions; more grease must be added to the application to keep it lubricated. Since TP-2510 will not melt, it amounts to dramatically less lubricant usage and longer lubrication intervals. This amazing characteristic also helps prevent bearing and machinery failure from insufficient lubrication.

**Excellent Water Resistance** - Frequently, applications are exposed to conditions where water can cause the grease to be washed off. This will leave the intended surface without protection from wear and corrosion. TP-2510 is formulated to resist water drips, sprays and high moisture conditions. It will not break down or emulsify in the presence of water and will hold fast to metal surfaces under pressure.

**Oxidation Protection** - As conventional grease ages, it becomes less stable and eventually loses much of its lubrication properties. TP-2510 is made from a base oil blend with vastly superior oxidation stability. The result is a lubricant that ages far slower than typical grease, allowing TP-2510 to maintain its structure and last longer, especially in high heat conditions where the aging process is accelerated.

**Extreme Pressure / High Load Protection**- TP-2510 combines the most efficient additives to deliver outstanding protection in applications exposed to high load and extreme pressure conditions. Anti-wear and anti-friction additives help machinery run smoother and quieter, while also reducing premature bearing and machinery failure.

**Versatility** - Most greases are targeted at one specific application and fall short when operating under other conditions. Possibly the most distinguishing benefit that TP-2510 delivers is its ability to operate in a wide spectrum of applications; Including applications exposed to: high temperature, wet environments, high load conditions, and slow to Moderately high bearing speeds. Grease inventory is simplified and misapplication errors are reduced.

## SPECIFICATIONS

Description	Value	ASTM Method
Recommended Temperature Range	0°F to 400°F	
Timken OK Load	55 lbs	D2509
Flashpoint (base oil)	255°C	D92
Wear Characteristics - 4 Ball	0.68 mm	D2266
Water Washout Characteristics	0.0 g	D1264

Available Sizes: TP-2510 is available in 14.1 oz cartridges 120 lb and 400 lb steel drums.

[www.tom-pac.com](http://www.tom-pac.com)

### PROSPEC TECHNOLOGIES INC.

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Tom-Pac®

# Tom-Pac® Bearing Gel

Proper lubrication plays a vital role in the performance of a machine from increased production to lower maintenance costs. Tom-Pac® Bearing Gel delivers exceptional performance in high or low temperature applications.

## **Properties :**

Tom-Pac® Bearing Gel is a 100% synthetic, polyalphaolefin, state of the art lubricant, formulated to reduce friction and wear. Tom-Pac® Bearing Gel will not melt, drip or carbonize. It provides corrosion protection, seals bearings from water and contamination, retains its structure and consistency while in service and remains stable under high shear and high temperature.

Tom-Pac® Bearing Gel contains no soap additives and no harsh fillers. It will not emulsify and will perform exceptionally well in wet applications. It is virtually waterproof!

## **Performance :**

Choose TP-2557 for industrial use and TP-2598 for food manufacturing facilities.

Both TP-2557 Industrial and TP-2598 Food Grade Bearing Gels are tenacious, resilient lubricants that greatly extend lubrication intervals and cut production losses due to premature bearing failure. Tom-Pac® Gels reduce downtime and improve the performance of the equipment making their use extremely cost effective. TP-2598 Food Grade complies with FDA regulation 21 CFR 178.3570 for incidental food contact.

## **Characteristics**

100% PAO base  
Non melting  
High load capacity  
Extends lubrication intervals  
Food Quality (TP-2598)  
Inert

Temperature range -40°F to 750°F  
Temperature range -40°C to 400°C  
Non carbonizing  
Highly water resistant  
No soaps, fats, or esters  
Extremely cost effective

## **How to apply :**

Tom-Pac® Bearing Gel is applied in the same manner as conventional grease, with the bearing cavity being filled to approximately 1/3 capacity in most cases. Remember that Tom-Pac® Bearing Gel will last much longer than a conventional lubricant and adjust intervals accordingly

## **Compatibility :**

Tom-Pac® Bearing Gel is compatible with conventional grease. However, the mixture will fall short of the properties of the Gel. For that reason, we strongly advise that, if at all possible, the old grease be purged or cleaned out before using the Bearing Gel for optimum performance, longevity and yield.

**Tom-Pac® Bearing Gel is available in cartridges, 25 lb pail, 120 lb keg and 400 lb drum.**



## **PROSPECT TECHNOLOGIES INC.**

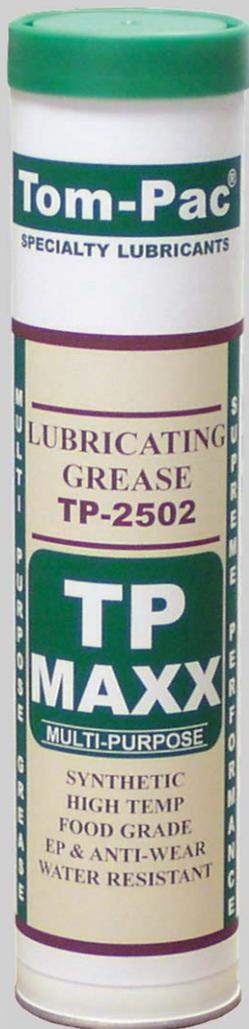
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**SPECIALTY LUBRICANTS**



**TP-2502  
Synthetic Grease  
Multi-Purpose**

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**Potential customers:**

- Customers having issues with their current lithium or aluminum complex grease.
- Customers satisfied with Tom-Pac Bearing Gel, but would like a superior multi-purpose grease for other areas.

**How will it outperform standard grease?**

- Better longevity. Synthetic base oil.
- Less Melting. Higher dropping point.
- Excellent anti-corrosion properties for wet environments.
- Excellent load properties.
- NSF H1 approved for your customer's safety.

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**14.1 oz cartridges: Available in cases of 24**

**35 lb pail**

**120 lb drum**

**400 lb drum**

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