



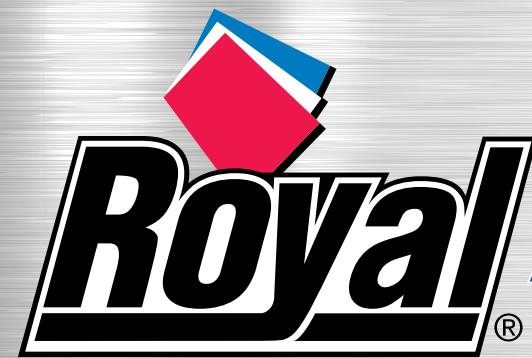
**Royal**<sup>®</sup>  
**PRECISION LUBRICANTS**

**TITANIUM**  
**RACING OILS**



**...DRIVEN BY PERFECTION**

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**PRECISION LUBRICANTS**

**THE INNOVATIVE  
AUSTRALIAN**



**ENGINE LUBRICANTS**

# **TITANIUM RACING OILS**

## ***Titanium Additive Technology***

When Royal Precision Lubricants developed formulations for our Titanium Racing range it became apparent there were a lot of different types of racing oil on the market all delivering different levels of performance and protection and ranged from basic technologies through to purpose designed lubricants.

Royal Precision Lubricants' commitment is to provide the most technically advanced products available for the market today. This is why we selected Liquid Titanium Technology amongst other modern anti-wear additives as our principal building blocks to produce our cutting edge range of racing lubricants.

Scientific research established that a Liquid Titanium compound added to engine oils created a wear-resistant nanoscale layer bound to the surface of vulnerable engine parts. This anti-wear enhancement comes from Titanium being chemically bound into the metal structure of the engine surface, forming a hard oxide, iron titanate protective layer. This to date has not been achieved with any other additive technology and the anti-wear characteristics of this technology is quite revolutionary and is gaining roaring reviews in every class of motorsport.

Titanium additive technology works synergistically with other anti-wear additives such as zinc and boron to provide a superior layer of protection that other additives cannot deliver. This offers outstanding advantages in high revving high output engines.

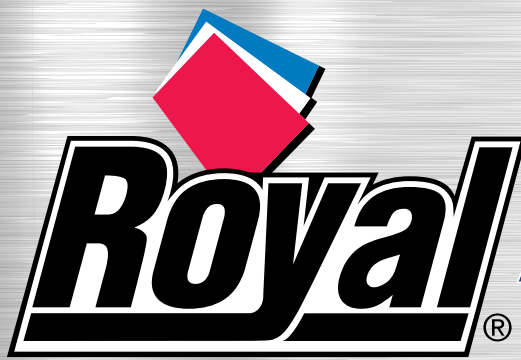
## ***Benefits of Titanium Additive Technology over conventional additive formulations***

- Superior metal surface to surface contact protection
- Nano molecular layering of anti-wear, bonding to the surface of the metal
- Improved resistance to engine component initial cold start wear
- Improved lubricity and protection over conventional anti-wear technology
- Superior high load, high speed surface to surface contact protection
- Reduced frictional characteristics delivering smoother operation and lower peak temperatures

**A UNIQUELY MODERN ADDITIVE TECHNOLOGY  
FOR TODAY'S RACE ENGINES**

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# TITANIUM RACING OILS

## *Titanium Racing Engine Oils*

### **Endurance Titanium Racing 5W-30**

**Code: 1710**

**Available in 5L, 20L, 205L**

An ideal racing oil for all modern racing engines running finer tolerances. Ideal for circuit racing and street high performance applications. Also suitable for use in Junior Dragsters race cars.

### **Endurance Titanium Racing 5W-40**

**Code: 1711**

**Available in 5L, 20L, 205L**

An ideal racing oil for modern 4, 6 and 8 cylinder racing engines. A thicker high temperature viscosity also makes it ideal for circuit racing and street high performance applications.

### **Endurance Titanium Racing 10W-50**

**Code: 1712**

**Available in 5L, 20L, 205L**

An ideal racing oil for modern 4, 6 and 8 cylinder racing engines running fine to medium tolerances. Ideal for circuit racing and street high performance applications. Its Ultra-high thermal stability maintains excellent oil pressure and bottom end protection. This ultra-high thermal stability and higher top end viscosity makes it a perfect choice for rallying, hill climbs, targa, time trials and drifting.

### **Competition Titanium Racing 25W-60**

**Code: 1701**

**Available in 5L, 20L, 205L**

An ideal racing oil for 6 and 8 cylinder racing engines running larger clearance tolerances. Methanol compatible and provides superior bottom end protection. Ideal for drag racing, drifting and street high performance applications where larger clearances are used.

### **Competition Titanium Racing 40-70**

**Code: 1702**

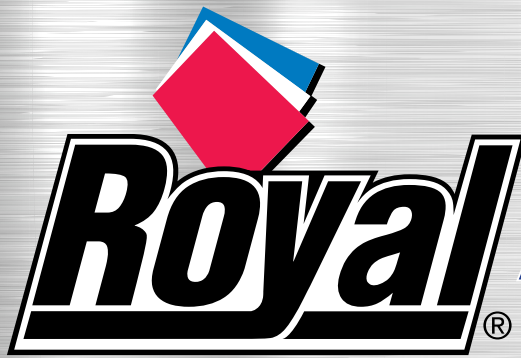
**Available in 5L, 20L, 205L**

A purpose designed Top Fueler racing oil that is methanol compatible and provides superior bottom end protection. Ideal for large clearance drag racing engines including Top Alcohol, Funny Cars, Pro Slammer Dragsters and Nitro Dragcars.



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# TITANIUM RACING OILS

## *Titanium Racing Gear Oils*



Titanium Racing Gear Oil 75W-90 LS is a premium, full synthetic gear oil manufactured with PAO and Ester base oils especially designed for the rigors of racing. Blended with a unique additive formulation developed to deliver superior wear protection in racing gear boxes and differentials under full load racing conditions. The primary application is for racing differentials but can be used where a manual gearbox or trans-axle requires GL-5 oil.

**Code: 1716**

**Available in 2.5L, 20L, 205L**



Titanium Racing Gear Oil 80W-140 is a premium, full synthetic gear oil manufactured with PAO and Ester base oils especially designed for the rigors of racing. Blended with a unique additive formulation developed to provide superior wear protection in racing differentials under full load racing conditions. Due to its special high anti-wear additive system, this oil is only for highly loaded racing differentials.

Racing Syngear LS 80W-140 is designed to give maximum protection to differentials under the most arduous operating conditions where heat and shock load are major factors.

**Code: 1715**

**Available in 2.5L, 20L, 205L**



Titanium Racing Gear Oil 75W-90 GL-4+ is a premium, full synthetic gear oil manufactured with PAO and Ester base oils especially designed for the rigors of racing. Blended with a unique additive formulation developed to provide superior wear protection in racing gear boxes under full load racing conditions. Titanium Racing Gear Oil 75W-90 GL-4+ can also be used in place of an SAE 80W-90 gearbox oil, especially to improve cold shift problems, where the lower start up viscosity will provide an easier shift.

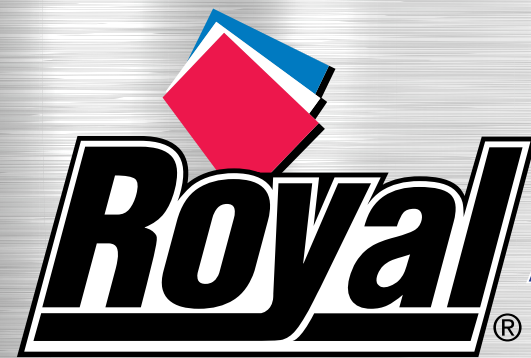
Note: Titanium Racing Gear Oil 75W-90 GL-4+ is not suitable for use in differentials that require API GL-5 or higher.

**Code: 1717**

**Available in 2.5L, 20L, 205L**

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# **TITANIUM RACING OILS**

Titanium Racing gear oils have already been touted as some of the highest performing racing gear oils on the market today. With exclusive formulations designed to cover a majority of motorsport applications, this new range of specialised gearbox and differential oils perform in a class of their own.

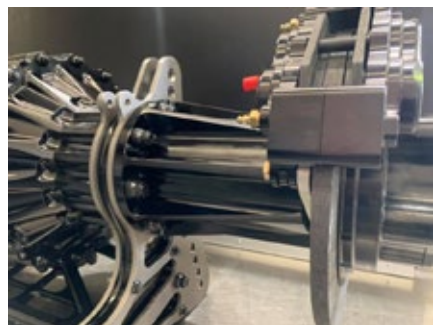
Initially trialled by Steve Ham of TSP Racing to test wear resistance and overall performance in the differential of his 6,000 horse power Pro Slammer the results came back well above expectations.

Steve had previously put his faith in racing oils out of America and now has become so convinced of the complete Titanium Racing Oils range he has become a strong reseller and advocate to their performance under full racing conditions.

**The range covers 3 key categories for modern motorsport applications:**

1. *A full dedicated GL-4 gearbox oil for gearboxes containing yellow metals*
2. *A Universal gearbox and differential oil covering GL-5 and Limited Slip applications*
3. *A heavy duty, high viscosity differential oil for use in all larger high performance differentials*

The full range of Titanium Racing gear oils cover the following racing applications including Sprint car, Drag Car, Street Modified, Drifting, Burnout, Hill climb, Touring car and many other categories calling for high performing racing gearbox and differential oils.



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