

# TRAXXAS BASICS

## FRESHEN UP YOUR MODEL WITH PREMIUM OILS & LUBRICANTS



### Basics: Traxxas Oils & Lubricants Guide

#### Refresh Your Truck with High-Quality Traxxas Shock Oils, Diff Oils, and Greases

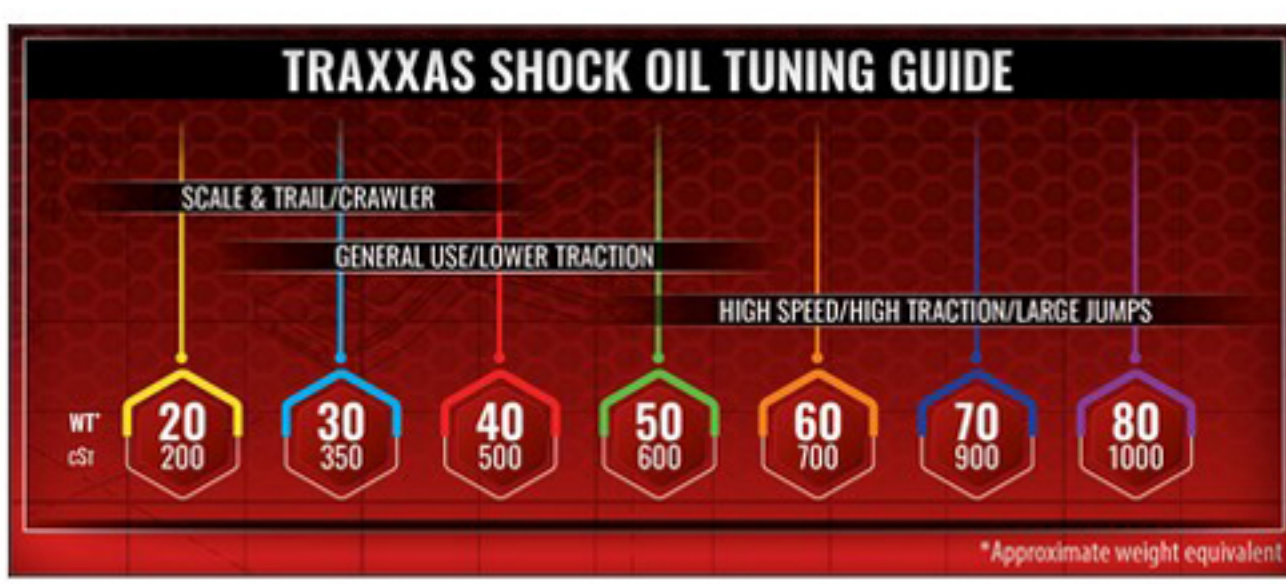
All Traxxas models rely on application-specific greases and silicone oils to deliver high performance and extreme durability. When it's time to maintain your machines, be sure to use genuine Traxxas lubricants. They're the only greases and oils certified by Traxxas to ensure your models perform their best with maximum parts life and reliability. Let's take a closer look at the different lubrication products Traxxas offers, the applications they're meant for, and how to use them.

#### Premium Silicone Shock Oils

All Traxxas models use silicone oil as the damping medium in their shocks. Traxxas oils are carefully manufactured to ensure precise viscosity from batch to batch, so you can be confident the bottle of 30-weight shock oil you purchase today will have exactly the same viscosity as the bottle you bought last year, and the one you buy next season.



Traxxas High Performance Shock Oil is available in seven weights, and the 2 oz. bottles feature twist-open nozzles that pour precisely and close tightly.



Most Traxxas models' shocks are filled with 30wt fluid from the factory. If you're uncertain, your model's manual will specify the oil used. From there, you can go "lighter/thinner" (lower viscosity number) to decrease damping force or "heavier/thicker" (higher number) for more damping force. If you go to a fluid that's more than ten higher or lower than stock, you'll likely benefit from a set of matching softer or stiffer springs—all the options will be in the parts list for your model.

#### Premium Shock Oil

- TRA5038X Premium Shock Oil Set (20 – 80 wt) with carousel
- TRA5038 Shock oil carousel
- TRA5031 20 wt
- TRA5032 30 wt
- TRA5033 40 wt
- TRA5034 50 wt
- TRA5035 60 wt
- TRA5036 70 wt
- TRA5037 80 wt

#### Premium Differential Fluid

All Traxxas 4X4 models and all trucks with 4s, 6s, and 8s power systems use grease or silicone oil inside their sealed differentials to control diff action. We all think of a slippery liquid when the topic is oil, but as model size, power, and weight go up, thicker differential fluid is required to prevent unloading, and the silicone oil used in differentials can be so highly viscous ("thick") that it behaves more like syrup. The thickest Traxxas differential fluid is reserved for the largest and heaviest trucks such as X-Maxx and XRT. This stuff has an astonishing viscosity of 20,000,000 and is closer to putty than what anyone would think of as "oil."



The TRA5136X Differential Oil Set includes 10,000, 30,000, and 50,000 wt oils. Traxxas' thickest fluid is 20,000,000 wt, and is used in the Torque Biasing Center Drive of Traxxas 6S- and 8S-powered models.

#### Premium Differential Fluids

- TRA5136X Diff oil set (10K, 30K, 50K)
- TRA5040 20,000,000 wt
- TRA5042 1,000,000 wt
- TRA5039 500,000 wt
- TRA5130 100,000 wt
- TRA5137 50,000 wt
- TRA5136 30,000 wt
- TRA5135 10,000 wt

#### High-Performance Greases

Grease is grease, right? Wrong! Grease formulations vary greatly to suit different applications, and Traxxas makes sure every model has the right greases in the right applications to ensure peak performance and component life. You should do the same when you maintain your Traxxas models—here's everything you need to know.



#### Marine Grease TRA5748

Traxxas Marine Grease is the only grease you should ever use to lubricate the flex drive of the Traxxas **Spartan** and **DCB M41 Widebody** boats. Marine greases in general are formulated to **abandon** and resist washing away when exposed to water, and Traxxas marine grease is further specialized as a drive-cable lubricant to ensure the flex-drive system operates with peak efficiency and reliability.

#### Premium Grease TRA5041

Premium Grease is formulated to ensure maximum efficiency and service life for the metal drivetrain gears in high-torque applications. Premium Grease is the factory lubricant for Traxxas **TRX-4** and **TRX-6** models, as well as **X-MAXX**, **XRT** and **E-Revo VXL Brushless**

#### Silicone Grease TRA1647

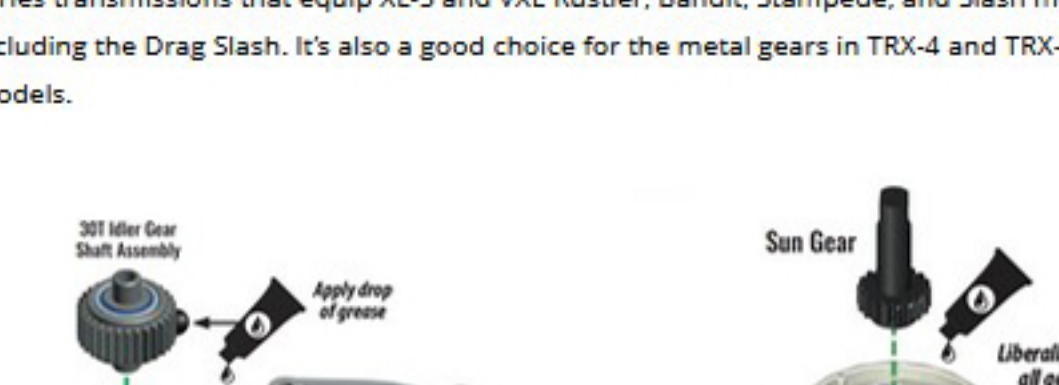
Silicone Grease is a good all-purpose lubricant for molded parts and is an effective corrosion inhibitor, but it's not a good choice for metal-on-metal applications. In Traxxas models, silicone grease is used as a seal lubricant to ensure receiver box watertightness. It can also be used to restore and condition the silicone boots used on Traxxas boat's rudder linkages and the Revo-series' driveshaft and suspension pivot bellows.

#### White Lithium Grease TRA1548

Lithium grease formulations are best for metal-on-metal lubrication. It should not be used for lubricating plastic or composite parts, as the lithium may attack these materials over time. Traxxas white lithium grease is a good lubricant for metal bushings supporting metal shafts, as found in the XL-5 Slash, Stampede, Rustler, and Bandit models. It can also be used on the metal gears these models as well as their VXL counterparts, but the **best** grease for these gears is our next selection ...

#### Thrust Bearing Grease TRA2717

Traxxas thrust bearing grease gets its black color from the molybdenum disulphide blended into it. This material gives "black moly" greases excellent high-load, high-pressure lubrication performance. The #2717 formulation is ideal for lubricating the metal gears of the Magnation-series transmissions that equip XL-5 and VXL Rustler, Bandit, Stampede, and Slash models, including the Drag Slash. It's also a good choice for the metal gears in TRX-4 and TRX-6 models.



And that's everything you need to know about Traxxas greases, oils, and fluids! Remember, you can CONTACT Traxxas for technical support via chat here at Traxxas.com, or give us a call at 888-TRAXXAS. We're glad to help.

Freshen up your favorite model for spring with premium Traxxas Oils, Greases, and Fluids