

WHICH OIL IS RIGHT FOR YOU?

For These Automotive Street Applications	Try These Royal Purple® Products
4-Cycle Engines ²	<u>RP Motor Oil</u> ¹
Diesel Engines	<u>15W40</u>
Automatic Transmissions	<u>Make / Model Specific Chart</u>
Power Steering	<u>Max EZ</u> ®
Manual Transmissions ²	<u>Make / Model Specific Chart</u>
Heavy Duty Manual Transmissions	<u>Make / Model Specific Chart</u>
Heavy Duty Rear Ends	<u>Max-Gear</u> ® 75W90 & 85W140
Light Duty Rear Ends	<u>Max-Gear</u> ® 75W90

For These Marine Applications ²	Try These Royal Purple® Products
2-Cycle (pre-mix)	<u>TCW III Racing</u> ⁵
2-Cycle (oil-injected)	<u>TCW III</u>
4-Cycle Gas or Diesel	<u>SAE 15W40, 20W50</u>
Lower Unit / Outdrive	<u>Max-Gear</u> ® 75W90
2-Cycle PWC (pre-mix)	<u>TCW III Racing</u> ⁵
2-Cycle PWC (oil-injected)	<u>TCW III</u>
4-Cycle PWC	<u>Max-Cycle</u> ® ³

For These Street and Off-Road Motorcycle Applications ²	Try These Royal Purple® Products
2-Cycle (pre-mix)	<u>TCW III Racing</u> ⁵
2-Cycle (oil-injected)	<u>TCW III</u>
2-Cycle Transmission	<u>Synchromax</u> ®
4-Cycle Engines	<u>Max-Cycle</u> ® ³
4-cycle Transmissions ⁴	<u>Synchromax</u> ®
Harley Davidson	
Evolution and Twin Cam	<u>Max-Cycle</u> ® SAE 20W50
Evo and TC Transmissions	<u>Max-Cycle</u> ® SAE 20W50
Primary Tank	<u>Max-Cycle</u> ® SAE 10W30
Sportster and Buell Engine	<u>Max-Cycle</u> ® SAE 20W50
Sportster and Buell Transmissions	<u>Max-Cycle</u> ® SAE 10W30
Chains	<u>Max-Chain</u> ®

For These High Performance Automotive Drag Racing ² Applications	Try These Royal Purple® Products
Import Engines	
Naturally Aspirated < 7500 RPM	<u>Racing 11</u>
Naturally Aspirated > 7500 RPM	<u>Racing 9</u> ⁶

Forced Induction / N ₂ O	Racing 41
Naturally Aspirated Methanol	Racing 11
Forced Induction + Methanol	Nitro Plus 50
Domestic Engines - Small Block	
Naturally Aspirated < 7000 RPM	Racing 21
Naturally Aspirated > 7000 RPM	Racing 11, Racing 9⁶
Forced induction / N ₂ O	Racing 41, Racing 51
Naturally Aspirated Methanol	Racing 11, Racing 41
Forced Induction / N ₂ O + Methanol	Nitro Plus 60
Domestic Engines - Big Block	
Naturally Aspirated < 7000 RPM	
Solid Lift	Racing 11
Hydraulic Lift	Racing 21
Naturally Aspirated > 7000 RPM	Racing 11
Forced induction / N ₂ O	Racing 51
Naturally Aspirated Methanol	Racing 41
Forced Induction / N ₂ O + Methanol	Nitro Plus 60
Nitro Methane	Nitro Plus 70, 80
Jr. Dragster	
Gasoline	Racing 9
Methanol	Racing 11
Differentials	
< 800 ft / lb torque	Max-Gear® 75W90
> 800 ft / lb torque	Max-Gear® 75W140
Transmissions	
G-Force / Liberty	Synchromax®
Powerglide	Max ATF®
C4, C6	Max ATF®
TH350, TH400	Max ATF®

For These High Performance Automotive Circle Track / Road Racing² Applications	Try These Royal Purple® Products
Sprint 360 / 410	
Gasoline	Racing 21
Methanol	Racing 41
Pro Cup / ASA	Racing 21
Busch / Cup	
Short Track (e.g. Bristol)	Racing 21
Super Speedway (e.g. Talladega)	Racing 41, Racing 51
Qualifying	Racing 2008
Dirt Modified	Racing 41
Allison Legends / Legacy	Racing 21
Midgets	Racing 21, Racing 41
Rotary	Racing 21
Grand AM / SCCA	Racing 21, Racing 41, Racing 51
air-cooled Porsche	Racing 51
liquid-cooled Porsche	Racing 21
Manual Transmissions	Make / Model specific chart

For These High Performance Motorcycle Drag Racing ² Applications	Try These Royal Purple® Products
Import Naturally Aspirated Gas Turbo / N ₂ O	Racing 2008⁶ , Racing 9⁶ Racing 21 , Racing 41
Domestic Naturally Aspirated Gas Turbo / N ₂ O Nitro Harley	Racing 11 , Racing 21 Racing 41 , Racing 51 Nitro Plus 50

For These High Performance Motorcycle Circle Track / Road Racing ² Applications	Try These Royal Purple® Products
Sprint	Racing 9⁶ , Racing 11 Racing 21 , Racing 41
Endurance	
Flat Track	Racing 51

For These High Performance Motorcycle Off Road Applications	Try These Royal Purple® Products
4-Cycle MX / SX	Racing 11 , Racing 21
4-Cycle Enduro	Racing 41
4-Cycle Hare / Hound Scramble	Racing 21
2-Cycle	TCW III Racing
Transmissions ⁴	Synchromax®

1. Follow manufacturers recommendations for viscosity.
Available in SAE 30, 40, 50, 5W20, 5W30, 10W30, 10W40, 15W40 and 20W50.
2. For more information, please consult Royal Purple's Automotive Technical Support Department at (888) 382-6300 / (281) 354-8600 or Email [Technical Support](#).
3. Follow manufacturers recommendations for viscosity.
Max-Cycle® engine oils are available in SAE 10W30, 10W40 and 20W50
4. With separate transmission reservoir.
5. Follow manufacturers recommendations for fuel / oil ratio.
6. Not for street use