

## Which Royal Purple® Oil is Right For You?

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

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

| For These<br><b>Street and Off-Road Motorcycle Applications (See Note 2)</b> | Try These Royal Purple® Products   |
|--|------------------------------------|
| 2-Cycle (pre-mix)  | TCW III Racing (See Note 5)        |
| 2-Cycle (oil-injected)   | TCW III                            |
| 2-Cycle Transmission   | Synchromax®                        |
| 4-Cycle Engines  | Max-Cycle® (See Note 3)            |
| 4-cycle Transmissions (See Note 4)   | Synchromax®                        |
| <b>Harley Davidson®</b>  |                                    |
| Evolution and Twin Cam   | Max-Cycle® SAE 20W50               |
| Evo and TC Transmissions   | Max-Cycle® SAE 20W50               |
| Primary Tank   | Max-Cycle® SAE 10W30, 10W40, 20W50 |
| Sportster and Buell Engine   | Max-Cycle® SAE 20W50               |
| Sportster and Buell Transmissions  | Max-Cycle® SAE 10W30               |
| Chains   | Max-Chain®                         |

| For These<br><b>High Performance Automotive Drag Racing (See Note 2) Applications</b> | Try These Royal Purple® Products |
|---|----------------------------------|
| <b>Import Engines</b>   | Racing 11                        |
| Naturally Aspirated Greater Than 7500 RPM   | Racing 9 (See Note 6)            |
| Naturally Aspirated Less Than 7500 RPM  | Racing 41                        |
| Forced Induction / N <sub>2</sub> O   | Racing 11                        |
| Naturally Aspirated Methanol  | Nitro Plus 50                    |
| Forced Induction + Methanol   | Nitro Plus 50                    |

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| <b>Domestic Engines - Small Block</b>          |                                  |
| Naturally Aspirated Greater Than 7000 RPM      | Racing 21                        |
| Naturally Aspirated Less Than 7000 RPM         | Racing 11, Racing 9 (See Note 6) |
| Forced induction / N <sub>2</sub> O            | Racing 41, Racing 51             |
| Naturally Aspirated Methanol                   | Racing 11, Racing 41             |
| Forced Induction / N <sub>2</sub> O + Methanol | Nitro Plus 60                    |
| <b>Domestic Engines - Big Block</b>            |                                  |
| Naturally Aspirated Greater Than 7000 RPM      | Racing 21                        |
| Solid Lift                                     | Racing 11                        |
| Hydraulic Lift                                 | Racing 21                        |
| Naturally Aspirated Less Than 7000 RPM         | Racing 11                        |
| Forced induction / N <sub>2</sub> O            | Racing 51                        |
| Naturally Aspirated Methanol                   | Racing 41                        |
| Forced Induction / N <sub>2</sub> O + Methanol | Nitro Plus 60                    |
| Nitro Methane                                  | Nitro Plus 70, 80                |
| <b>Jr. Dragster</b>                            |                                  |
| Gasoline                                       | Racing 9                         |
| Methanol                                       | Racing 11                        |
| <b>Differentials</b>                           |                                  |
| Greater Than 800 ft / lb torque                | Max-Gear® 75W90                  |
| Less Than 800 ft / lb torque                   | Max-Gear® 75W140                 |
| <b>Transmissions</b>                           |                                  |
| G-Force / Liberty                              | Synchromax®                      |
| Powerglide                                     | Max ATF®                         |
| C4, C6   | Max ATF®                         |
| TH350, TH400                                   | Max ATF®                         |

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| <b>For These<br/>High Performance Automotive<br/>Circle Track / Road Racing (See Note 2)<br/>Applications</b> | <b>Try These Royal Purple® Products</b> |
| <b>Sprint 360 / 410</b>   |   |
| Gasoline  | Racing 21                               |
| Methanol  | Racing 41                               |
| <b>Pro Cup / ASA</b>  | Racing 21                               |
| <b>Busch / Cup</b>  |   |
| Short Track (e.g. Bristol)  | Racing 21                               |
| Super Speedway (e.g. Talladega)   | Racing 41, Racing 51                    |
| Qualifying  | Racing 2008                             |
| <b>Dirt Modified</b>  | Racing 41                               |
| <b>Allison Legends / Legacy</b>   | Racing 21                               |
| <b>Midgets</b>  | Racing 21, Racing 41                    |
| <b>Rotary</b>   | Racing 21                               |
| <b>Grand AM / SCCA</b>  | Racing 21, Racing 41, Racing 51         |
| air-cooled Porsche  | Racing 51                               |
| liquid-cooled Porsche   | Racing 21                               |
| <b>Manual Transmissions</b>   | Make / Model specific chart             |

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| <b>For These High Performance<br/>Motorcycle Drag Racing (See Note 2)<br/>Applications</b> | <b>Try These Royal Purple® Products</b> |
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| <b>Import</b>            |  |
| Naturally Aspirated Gas  | Racing 2008(See Note 6), Racing 9 (See Note 6) |
| Turbo / N <sub>2</sub> O | Racing 21, Racing 41                           |
| <b>Domestic</b>          |  |
| Naturally Aspirated Gas  | Racing 11, Racing 21                           |
| Turbo / N <sub>2</sub> O | Racing 41, Racing 51                           |
| Nitro Harley             | Nitro Plus 50                                  |

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|---|---|
| <b>For These High Performance Motorcycle Circle Track / Road Racing (See Note 2) Applications</b> | <b>Try These Royal Purple® Products</b> |
| Sprint  | Racing 9 (See Note 6), Racing 11        |
| Endurance   | Racing 21, Racing 41                    |
| Flat Track  | Racing 51                               |

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| <b>For These High Performance Motorcycle Off Road Applications</b> | <b>Try These Royal Purple® Products</b> |
| 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 (See Note 4)   | Synchromax®                             |

## Special Notes:

1. Follow manufacturers recommendations for viscosity. Available in SAE 30, 40, 50, 5W20, 5W30, 10W40, 15W40, and 20W50.
2. For more information please contact our sales department. Or Consult Royal Purple's technical support at 1-888-382-6300
3. Follow manufacturers recommendations for viscosity. Max-Cycle® engine oils are available in SAE 10W30, 10W40, and 20W50.
4. With a separate transmission reservoir
5. Follow manufacturers recommendations for fuel / oil ratio
6. Not for street use