



# PENRITE



**85% REDUCTION  
IN LANDFILL  
WASTE**

## RACING 10W-40 (PAO ESTER)

Last updated: 13/12/2017 3:16 pm

| PRODUCT CODE   | PACK SIZE | CARTON QTY |
|----------------|-----------|------------|
| RACING10W40001 | 1L        | 6          |
| RACING10W40005 | 5L        | 4          |
| RACING10W40020 | 20L       |            |

### PRODUCT BENEFITS

**Racing 10** is a premium 100% PAO & Ester full synthetic SAE 10W-40, **SHEAR FREE** modern engine oil. It contains an anti wear package of **\*FULL ZINC+** (exceeding 2200+ ppm levels) for ultimate engine wear protection.

**Racing 10** exceeds the requirements of API SN/CF as well as many other manufacturers' specifications.

### CAN BE USED WHERE THE FOLLOWING SAE VISCOSITIES ARE RECOMMENDED:

- 10W-30

### ADDITIONAL PRODUCT INFORMATION:

- [Click Here](#) to view Key Label markings
- [Click Here](#) to view 10 Tenths brochure
- [Click Here](#) for Technical Bulletin on E85 Fuel and Compatible Oils
- [Click Here](#) to view guide to oils
- [Click Here](#) to view Technical Bulletin on Esters in Oils

### FACTORY RACING

Penrite 10 Tenths Racing products are used by **Factory Race Teams** to provide the ultimate in performance and protection. To visit our Factory Racing Partners and Penrite Brand Ambassadors [Click Here](#)

### APPLICATION:

**Racing 10** is designed for use in modern 4, 6 & 8+ cylinder, multi cam, multi-valve including VVT, naturally aspirated, supercharged & turbocharged engines. It can be used in standard and high performance engines for both competition and normal on/off road use in a wide range of vehicles.

**Racing 10** is recommended for use in vehicles where SAE 10W-30 or SAE 10W-40 engine oils were originally recommended by the manufacturer. It can be used where ACEA A3/B3 is recommended in model years prior to 2017 and also where API SN and previous specifications SM (2004-2010), SL (2001-2004), SJ (1998-2000) or earlier specifications are recommended. It is suitable for use in many Diesel and LPG powered vehicles requiring an engine oil meeting API CF or where ACEA A3/B3 is required prior to 2017 and where ACEA A3/B4 is recommended prior to 2008. It is not recommended for use in diesel vehicles fitted with a DPF (Diesel Particulate Filter).

**Racing 10** is a **Shear Free** formulation that eliminates viscosity loss and maintains oil pressure during extreme engine operating conditions ensuring the ultimate in protection for your engine.

### VEHICLES AND FUEL TYPES

**Racing 10** is suitable for use in competition applications and on road in passenger cars and light commercial vehicles. It can be used with Petrol, LPG, E10, E85 (Racing & Competition only), diesel (without DPF), avgas, nitro, methanol & other conventional fuels.

### PENRITE TEN TENTHS

**Racing 10** has been proven in race and competition conditions in engines requiring a high performance full synthetic engine oil. It is the product of choice for many competitors running competition vehicles in circuit & drag racing, rallying, drifting, hill climb, targa, time trials and regularity.

### IMPORTANT INFORMATION WHEN CHANGING OIL.

**NOTE:** when changing oil, Penrite recommend using [Penrite Engine Flush](#), a fast acting, solvent free, engine cleaning formulation that removes engine deposits, sludge and contaminants with the oil service drain. It contains added zinc for engine wear protection and its fast acting formulation works in 10 minutes.





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**\*Full Zinc +** = Zinc level + Boron level combined as a total anti-wear package

## **PRODUCT BENEFITS**

- Blended using 100% **PAO** (Poly Alpha Olefin – Group IV) and **ESTER** (Group V) full synthetic base oils for maximum heat resistance and high performance
- **\*FULL ZINC +** anti-wear additive package for ultimate engine wear protection
- **SHEAR FREE** formulation maintains oil pressure and eliminates viscosity loss
- **LATEST** oil specification technology exceeding petrol **API SN** for maximum wear protection, minimum sludge formation & reduced piston deposits
- **COMPETITION PROVEN** and trusted for performance engines
- Longer engine life by reducing formation of high temperature engine deposits

## **INDUSTRY & MANUFACTURER'S SPECIFICATIONS**

- API SJ/CF
- API SL/CF
- API SM/CF
- API SN/CF
- BMW LL-98
- MB 229.1.
- MB 229.3.
- Porsche GL
- VW 502 00
- VW 505 00

## **SUITABLE FOR USE WHERE SPECIFICATIONS BELOW ARE REQUIRED**

### **(FOR OUT OF WARRANTY SERVICE)**

- ACEA A3/B3 (PRIOR TO 2017)
- ACEA A3/B4 (PRIOR TO 2008)

## **TYPICAL DATA**

|                                      |       |
|--------------------------------------|-------|
| Density at 15°C, kg/L                | NA    |
| Viscosity, Kinematic, cSt at 40°C    | 92    |
| Viscosity, Kinematic, cSt at 100°C   | 14.6  |
| Viscosity Index                      | 167   |
| Cold Cranking Viscosity, cP at -25°C | 6105  |
| Ca content, Mass %                   | 0.296 |
| Zinc, Mass %                         | 0.168 |
| Boron, Mass %                        | 0.063 |
| Base Number                          | 9.8   |