



# PENRITE



85% REDUCTION  
IN LANDFILL  
WASTE

## PREMIUM 5W-50 (PAO ESTER)

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PRODUCT CODE	PACK SIZE	CARTON QTY
FS5W50005	5L	4
FS5W50020	20L	
FS5W50205	205L	

### PRODUCT BENEFITS

**Premium 5** is a premium 100% PAO & Ester full synthetic SAE 5W-50, non friction modified, modern engine oil. It utilises premium synthetic base oil with a FULL ZINC+ (exceeding 1800+ ppm levels) additive pack for the ultimate in engine protection and performance.

**Premium 5** exceeds the requirements of API SN/CF, ACEA A3/B3 as well as many other manufacturers specifications.



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

- 5W-40

**Premium 5 SAE 5W-50 Replaces Premium 5 5W-60**

### 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 learn about Ester Full Synthetic

### 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

**Premium 5** is for use in high performance modern engines for both on road and in competition applications. It is suitable for use in modern 4, 6 & 8+ cylinder, multi cam, multi-valve including VVT, naturally aspirated, supercharged & turbocharged engines. It can be used in high performance, modern engines for both competition and normal on road use in a wide range of vehicles.

**Premium 5** is suitable for vehicles that specify the use of SAE 5W-40 or SAE 5W-50 viscosity engine oils in the owners handbook. It can also be used where the manufacturer requests API SN or where previous API specifications SM (2004-10), SL (2001-04), SJ are recommended and where ACEA A3/B3 is required. It is suitable for use in LPG and light duty diesel engines where API CF, ACEA A3/B3 is required or pre 2008 where ACEA A3/B4 is recommended. It is NOT suitable for use in diesels fitted with a DPF (Diesel Particulate Filter).

**Premium 5** 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.

**Premium 5** meets JASO MA specifications and is suitable for use in four stoke motorcycles with wet clutches.

**Premium 5** is suitable for use in passenger car, light commercial, competition vehicles and motor cycles and it can be used with Petrol, LPG, E10, E85 (Racing & Competition only), diesel (without DPF), avgas, nitro, methanol & other conventional fuels.

**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.

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



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## **PRODUCT BENEFITS**

- **Premium 100% PAO** and **ESTER** full synthetic base oils for ultimate performance
- **\*FULL ZINC+** additive package for superior engine wear protection
- **LATEST** oil technology for less wear, sludge & piston deposits
- Increased operating temperature protection over 5W-40 grade oils
- Longer oil life in high performance vehicles
- Protects engine at start up
- Reduces formation of high temperature deposits
- European standard additive package
- Safe for catalysts

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

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

- ACEA A3/B3
- API SJ/CF
- API SL/CF
- API SM/CF
- API SN/CF
- BMW LL-98
- JASO MA
- MB 229.1.
- VW 502 00
- VW 505 00

## **SUITABLE FOR USE WHERE SPECIFICATIONS BELOW ARE REQUIRED (FOR OUT OF WARRANTY SERVICE)**

- ACEA A3/B4 (PRIOR TO 2008)

## **TYPICAL DATA**

Density at 15°C, kg/L	NA
Viscosity, Kinematic, cSt at 40°C	113
Viscosity, Kinematic, cSt at 100°C	18.5
Viscosity Index	184
Cold Cranking Viscosity, cP at -30°C	5382
Ca content, Mass %	0.296
Zinc, Mass %	0.124
Boron, Mass %	0.063
Base Number	9.8