



## ENVIRO+ ENGINE OILS

**CODES: EPLUS0W40005, EPLUS0W40020, EPLUS0W40205, EPLUS10W50005, EPLUS5W30005, EPLUS5W30020, EPLUS5W30205, EPLUS5W40005**

A range of highly advanced engine oils manufactured using Penrite everyday synthetic base oils and utilising the latest advances in low to mid SAPS (Sulphated Ash, Phosphorus and Sulphur) engine oil technology. Each product is designed for specific applications.

### APPLICATIONS

Penrite *Enviro+* synthetic engine oils are for light duty, low emissions petrol and diesel engines including those equipped with a DPF [Diesel Particulate Filter]. Note that heavy duty trucks and buses should use Penrite Diesel SP or Diesel LA as appropriate.

#### **Enviro+ 0W-40**

**Specifications: ACEA C3, API SM/CF, BMW LL-04, MB 229.31/51, VW 505.01**

A mid-SAPS oil for most European, Japanese, US and Korean petrol and diesel oils specifying API SM or ACEA C3 oils. Specifically recommended for Holden Captiva diesel, Nissan 2.5TDi (Pathfinder/Navara with Auto trans), Hyundai Santa Fe and Sonata CRDi, Kia Sportage 2.0L CRDi, BMW and Mercedes Benz diesels, Toyota and Honda Hybrids. May be used in Mitsubishi Pajero 3.2L CRD (with auto trans). Replaces HPR 0.

#### **Enviro+ 10W-50**

**Specifications: ACEA C3, API SM/CF, BMW LL-04, MB 229.31/51, VW 505.01.**

As per *Enviro+* 0W-40 but for vehicles that are using excessive oil. Viscosity grade may not suit all vehicles.

#### **Enviro+ 5W-30**

**Specifications: VW 504.00/507.00, 505.01, MB 229.51, BMW LL-04.**

Approved oil for Volkswagen/Audi diesel engines and direct injection (FSI) petrol engines calling for Longlife III Type (VW 504.00/507.00 approved) engine oils (but not for R5/V10 direct injection diesels with unit injectors and in 3 or 4 cylinder diesels with unit injectors without DPFs operating at fixed 15,000km drain intervals).

#### **Enviro+ 5W-40**

**Specifications: ACEA C1/C4, JASO DL-I, Renault RN0720, Ford M2C934A**

A low-SAPS oil for Ford and Mazda petrol and diesel engines where Ford M2C934A is listed as well as light duty diesel engines requiring the Japanese JASO DL-I specification (eg in Mitsubishi Pajero 3.2L CRD (auto)).

*Enviro+* 5W-30 and 5W-40 are not normally used in engines requiring API SM oils. Use 0W-40 or 10W-50 for those engines. None of the *Enviro+* range are designed for use in motorcycle engines, engines with flat tappet cams or in heavy duty trucks.

### BENEFITS

- Extend exhaust catalyst life
- Long drain intervals
- Maximises DPF life and engine performance
- Emissions system friendly
- Maintains fuel economy (not 10W-50)

Note that changes to ACEA-2009 minimum base requirements mean that ACEA C3 oils can no longer meet the A3/B4 specifications.

## Typical Properties

Product and SAE Grade	0W-40	10W-50	5W-30	5W-40
Density at 15°C, kg/L	0.846	0.858	0.853	0.852
Viscosity, Kinematic, cSt				
at 40°C	76	130	74	85
at 100°C	13.7	19.4	12.2	13.9
Viscosity Index	182	170	159	168
Cold Cranking Viscosity, cP at temperature	5851	5519	6160	5733
Phosp Zinc, Mass %	0.089	0.089	0.067	0.067
Sulphated Ash, mass %	0.80	0.80	0.60	0.60
Base Number %	0.080	0.080	0.060	0.060

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### Environment, Health and Safety

Information is available by request on this product in the Penrite Material Safety Data Sheet. Information in this sheet is based on the most current information available. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacture.  
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