



HPR 0 0W-30

Package Sizes: 1 Litre, 5 Litre, 20 Litre, 205 Litre

Product Codes: HPR00001, HPR00005, HPR00020, HPR00205

Issue: August 2012

HPR 0 0W-30 is premium quality full synthetic engine oil made with special viscosity modifiers, performance additives and an advanced anti-wear package that actually meets the enhanced API SM/SN wear and oxidation protection requirements. This ensures additional protection against wear, corrosion, oil oxidation and sludge build up.

HPR 0 0W-30 meets the requirements of API SL/CF* and the latest European Standards ACEA A3/B4 as well as many manufacturers' specifications.

Application

HPR 0 0W-30 is designed for use where SAE 0W-20 and 5W-20 oils are specified in the vehicle owner's handbook and the fuel economy ACEA A1/B1 and A5/B5 oils are recommended for use. May also be used where ILSAC GF-3 and GF-4 is required.

Some specific examples include Volvo motor car engines, Chrysler petrol engines including 5.7L V8, Ford Mondeo, Focus, Fiesta and Transit, Land Rover and some Subaru.

Note: engines equipped with DPFs (diesel particulate filters) that require low ash oils may need to use Penrite Full Synthetic Enviro Plus oils. Not recommended for four stroke motorcycles.

Customer Benefits

- The Penrite Extra 10 provides greater engine protection at operating temperatures compared to 0W-20 and 5W-20 engine oils.
- Longer engine life by reducing formation of high temperature engine deposits.
- Long oil life.
- Reduces wear by controlling soot deposits.
- Low start-up viscosity provides engine protection and power/fuel economy retention at the most critical time of the engine's run cycle.
- Low start-up viscosity allows easy starting in hydraulically actuated injector equipped engines.
- Can be used in both petrol and diesel engines, reducing complexity in the workshop.

Industry Specifications

| | | |
|-----------|------------|---------------------------|
| API SL/CF | ACEA A3/B4 | Ford M2C913-A/913-B/945-A |
| GM 4718M | MB 229.3 | |

**Although using the same base chemistry, cannot claim API SM or SN due to the full zinc content.*

Typical Data

| | |
|--------------------------------------|-------|
| Density at 15°C, kg/L | 0.854 |
| Viscosity, Kinematic, cSt | |
| at 40°C | 64 |
| at 100°C | 11.4 |
| Viscosity Index | 174 |
| Cold Cranking Viscosity, cP at -35°C | 5765 |
| Zinc, Mass % | 0.105 |
| Phosphorus, Mass % | 0.096 |
| Sulphated Ash, mass % | 1.09 |
| Base Number | 10.1 |



Information in this sheet is based on recent production. Minor variations to typical properties are expected in normal manufacture and do not affect product performance. An MSDS is available on request.

