

## Engine oils

### AUTOL CPM HD S3

**Single-grade engine oil** petrol and diesel) for all older models in the mixed fleet.

#### Characteristics (typical figures):

Viscosity grade (SAE)		20W-20
Kin. Viscosity at 100°C	mm <sup>2</sup> /s	8,5
Viscosity index		min. 115
Density at 15°C	kg/m <sup>3</sup>	870
Flashpoint o. C.	°C	min. 200
Pourpoint	°C	max. -33

**AUTOL CPM HD S3** is a strongly alloyed engine oil that is available in different viscosity grades.

The detergent/dispersing additives keep the engine very clean. They dissolve combustion residues and foreign deposits and keep them finely distributed in suspension. This effectively prevents the formation of sludge and varnish-like deposits.

In order to protect the engine in all operating points of wear a compression-proof and abrasion resistant lubricating film is formed due to a special additive package.

The high thermooxidative resistance of the selected base oils also allow **AUTOL CPM HD S3** to be used at high temperatures in engines with exhaust-gas turbocharger, without an increased oil ageing.

#### Applications:

**AUTOL CPM HD S3** is applicable in all gasoline and diesel engines with and without turbocharger and can be mixed with all mineral oil-based HD oils.

The application in other aggregates such as hydraulic systems, transmissions, etc. is possible according to the manufacturer's specifications.

**AUTOL CPM HD S3** is suitable to use wherever the following specifications are required: API SJ, API CF-4.