

Engine oils

AUTOL CPM HD S3

CCMC D4/G4/PD2**

API CD/CE/SF

MAN 270*

MB-Approval 227.0*

CATERPILLAR TO 2

Single-grade engine oil for all gasoline and diesel engines with and without turbocharger.

Characteristics (typical figures):

Viscosity grade (SAE)		10W	20W/20	30
Kin. Viscosity at 100°C	mm ² /s	6,8	8,5	11,9
Viscosity index		118	104	100
Density at 15°C	kg/m ³	880	870	895
Flashpoint o. C.	°C	225	227	225
Pourpoint	°C	-27	-27	-18

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.

AUTOL CPM HD S3 SAE 30 is prescribed and approved for ZF Ecosplit transmission with interarder according ZF listing TE ML 02.

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

AUTOL CPM HD S3 is approved by name respectively meets the requirements* of the above listed specifications.

** invalid standard since 01.01.97