

Oil types



The mechanical gears TMC40M and TMC60M have since the end of the year 2000, suffix "P" added to the type codes.

This also counts for the new TMC260 which has this suffix right from the start.

These mechanical gears with suffix "M+P" have an improved clutch mechanism with a less steeper thread on the secondary shaft and new type of friction material on the cones. This results in a much smoother shifting with dramatically less impact.

Gears with this new friction material, however, needs to be lubricated with ATF-transmission fluid, instead of the formerly used engine lubricating SAE oil.

The complete clutch units can be replaced also in the older gears while changing the oil into ATF.

Technodrive TMC-cone change & recommended oil types

TMC40

Cone item code 2056098: from serial no. 40004 up to 121583 - normal engine oil*

Cone item code 2056129: from serial no. 121587 (06/12/2000) - ATF-oil

On the identification plate: **TMC40** = normal engine oil*

TMC40M = ATF-oil

TMC40P = ATF-oil

TMC 60

Cone item code 2056092 (9 grooves): from serial no. 60116 up to 602441 - normal engine lube oil*

Cone item code 2056113 (12 grooves): from serial no. 602242 up to 119384 - normal engine lube oil*

Cone item code 2056128: from serial no.119661 (01/09/2000) - ATF-oil

Replacement (no longer available): Cone 2056092 is replaced by 2056128

Cone 2056113 is replaced by 2056128, also need to replace the shaft Item 2021473

On the identification plate: **TMC60** = normal engine lube oil*

TMC60M = ATF-oil

TMC60P = ATF-oil

TMC 260

Cone item code 2056127 - ATF-oil right from the start.



All Hydraulic TM Gearboxes: API CD SAE 20W40 oil

*Normal engine lubrication oil: 20W30 or 15W40, 20W40, 20W50 etcetera.