



Automatic transmission fluids - DCF

Eurol DCF 1404

Fully synthetic oil for transmissions with a double clutch

Description

Eurol DCF 1404 is a fully synthetic oil for a transmission with a double clutch. This double clutch transmission, DCT in short, has been developed in motor racing.

The principle of the DCT is based on the presence of two clutches, one for the even and one for the odd gears.

This transmission has been further developed for use in personal cars produced by the VAG, Mercedes Benz, BMW, Volvo and the PSA group.

Because the transmission does not shift between gears but between clutches, a special oil, combining the extreme pressure capabilities of a manual transmission oil with the friction properties of an ATF, needs to be applied.

Eurol DCF 1404 is composed in such a way that the oil does not lose its quality when subjected to even the most extreme circumstances, ranging from a cold start in winter to high RPM in the summer.

Throughout its lifespan, Eurol DCF 1404 keeps its lubricating capabilities, as well as a stable and high viscosity index, a very low freezing point and a solid resistance against oxidation and foaming.

To get the best out of your Eurol DCF 1404, this fluid may, under no circumstances, be mixed with other transmission oils.

Recommended for use

- BMW DCTF-1, 1+, 2
- BMW MTF LT-5
- Chrysler 68044345 EA & GA
- Ferrari TF DCT-F3
- FFL-2, FFL-3, FFL-4
- Fiat 9.55550-HE2
- Fiat 9.55550-MZ-6
- Ford WSS-M2C936-A
- MB 236.21
- MB 236.24
- MB 236.25
- Mitsubishi Dia Queen SSTF-1
- Nissan R35 Special
- Porsche 000 043 207 30
- Porsche 000 043 207 29
- PSA 9734 S2
- Renault EDC 6-Speed
- Volvo 1161838
- VW G 052 182
- VW G 052 529
- VW G 055 529
- VW G 052 536
- VW G 055 536

Physical properties

Colour	amber	
Density at 20°C	0.844 kg/l	ASTM D 4052
Viscosity, kinematic at 40°C	33.3 cSt	ASTM D 445
Viscosity, kinematic at 100°C	6.9 cSt	ASTM D 445
Viscosity Index	175	ASTM D 2270
Flash point	190 °C	ASTM D 93
Pour point	-45 °C	ASTM D 97

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