

## ENGEN ATF 33 G and 22 D

### DESCRIPTION

Two high quality automatic transmission fluids made from solvent refined base oils, viscosity index improvers, anti-oxidants, anti-wear agents, detergents, defoamants and special friction modifiers. Engen ATF 33 G meets the requirements of Automatic Transmissions designed to use Type F automatic transmission fluids and Ford specification ESW-M2C 33-G. Engen ATF 22 D meets the requirements of Mercedes Benz specification MB 236.1.

### APPLICATION

Engen ATF 33 G is used primarily for some commercial transmissions and for certain manual gearboxes and power steering units. Engen ATF 33 G is recommended for the automatic transmissions of Ford and other vehicles such as Leyland, Mazda, Volvo and older Toyota models. Engen ATF 22 D finds application in a wide variety of industrial hydraulic pumps and motors, manufactured by Sperry Vickers, Denison, Sundstrand, and Voith etc. However its prime use is in General Motors automatic transmissions as well as those of Mercedes Benz, Volkswagen, Fiat, Peugeot and Toyota. It is also recommended for ZF Ecomat transmissions where TE-ML-14 fluids are specified. Engen ATF 22 D and Engen ATF 33 G can be used in power steering and many hydraulic and hydrostatic systems.

### PERFORMANCE LEVEL

Engen ATF 33 G - Ford ESW-M2C 33-G

Engen ATF 22 D - Allison C-4 (approval no.: C-4 - 20752194), Caterpillar TO-2, Voith, Denison HF-O, MB-Approval 236.1, MAN 339 type D fluid and ZF TE-ML-09, 11 & 14

### BENEFITS

- Good wear protection.
- Warranty requirements satisfied.
- Compatibility with seal materials.
- Protection against deposit formation.
- Correct frictional characteristics giving smooth transmission and perfect synchronisation.

### TYPICAL PHYSICAL CHARACTERISTICS

Engen ATF	33 G	22 D
Viscosity mPa.s @ -18 °C	1400	-
mPa.s @ -40 °C max.	40000	50000
cSt @ 40 °C	39	37,8
cSt @ 100 °C	8,2	7,4
Viscosity Index	190	170
Pour Point °C, max.	-40	-45
Colour, Visual	Red	Red