



# <DCT>

## <Ester Fully Synthetic Transmission Fluid>

### DESCRIPTION

LOFGE <DCT> <Ester Fully Synthetic Transmission Fluid>, the blending process adopt unique formulation technology of ester synthetic oil with special anti-wear and selected additives. It provides excellent protection in low-temperature pumping and fluidity and high-temperature stability. Suitable for use under various environment and driving condition offers durable protection for many modern types of high-performance wet DCT Transmissions.

**Specification and Approval:** BMW 83 22 0 440 214/83 22 2 147 477/83 22 2 148 578/83 22 2 148 579; Ferrari TF DCT-F3; Ford M2C936-A; MB 236.21; Mitsubishi DiaQueen SSTF-1; Porsche Oil No. 999.917.080.00; PSA 9734.S2; Volvo 1161838/1161839; VW TL 052 182/052 529.

### APPLICATION

- ★ Passenger cars, four wheel drive, light commercial vehicles fitted with Wet Clutch system DCT Transmissions. It provides Anti-Shudder performance, smooth shifting and excellent Transmission response due to its optimised friction characteristics, resulting in fuel economy benefits and wear protection of the Transmission internals.
- ★ Getrag, ZF and Borg-Warner manufactured DCT Transmissions found in Ford, Volvo, BMW, Dodge, Chrysler, Mitsubishi, Peugeot, Porsche, Citroen and Mercedes-Benz vehicles as well as VW and Skoda from 2003 (also known as DSG- Direct Shift Gearbox ) and Audi S-Tronic Transmissions.
- ★ Can not be used in dry DCT Transmissions. For these applications, please use the appropriate dealer supplied fluid.
- ★ MUST not be used in conventional automatic Transmissions, CVTs or Manual gearboxes.

### FEATURE

- The friction modifier reduces the static friction coefficient of oil. It makes the automotive transmission and hydraulic drive system to achieve sustained, stable, reliable and smooth running.
- Remarkable thermal stability and oxidation resistance effectively reduces the sludge generation and the prevent deterioration of oil and clean transmission.
- Excellent anti-wear protection, extended parts working life.
- Good shear stability, reduced change of the viscosity under operating temperature condition.
- Excellent low-temperature performance, to maintain good mobility at low temperatures.

### TYPICAL SPECIFICATION

LOFGE DCT Ester Fully Synthetic Transmission Fluid	Units	Test Result
Appearance	-	Bright & Clear
Color	-	<3.5
Density (15°C)	Kg/m <sup>3</sup>	0.851
Viscosity (40°C)	mm <sup>2</sup> /s	33
Viscosity (100°C)	mm <sup>2</sup> /s	7
Total Base Number	mgKOH/g	7.48
Viscosity Index	-	177
Flash Point COC	°C	210
Pour Point	°C	≤ -40

The typical specification mentioned represent mean values.