



## GIANT DSG

Fully Synthetic Direct-Shift Gearbox/Dual Clutch Transmission Fluid

### DESCRIPTION

GIANT DSG is a Fully Synthetic Dual Clutch Transmission Fluid, formulated with the newest additive technology, specially developed for use in modern wet double clutch transmissions. This superior additive technology is a fusion of the best anti-wear properties with outstanding friction characteristics and it offers good shifting performance, even under tough conditions.

### BENEFITS

- Exhibits exceptional synchroniser and clutch performance due to its balanced frictional characteristics
- Displays good high and low temperature viscosity properties which is vital for the operation of the transmission, to ensure that the fluid maintains its liquid properties over a high range of temperature environments.
- Shudder caused by poor clutch engagement may lead to vibrations felt through the drivetrain. One of the vital properties of GIANT DSG is to prevent this from occurring by providing the correct fluid friction response in the clutch. Likewise, the friction must be maintained through the lifetime of the vehicle hence friction durability is vital. GIANT DSG protects the metal gears and bearings against wear and fatigue consequently preventing gearbox failure.
- Offers good extreme pressure (EP) anti-pitting behaviour.
- Resists oxidation to avoid oxidative thickening and prevent deposits of sludge formation which may cause damage to the operation of the moving parts
- Displays high shear resistance and retains a constant viscosity during the oil life.
- Provides good seal compatibility.

### TYPICAL APPLICATIONS

GIANT DSG is suitable for use in VW, Seat and Skoda 6-speed wet Dual Clutch Transmissions (2003 to present), Ford, Volvo, Mitsubishi, PSA, BMW, Porsche & Mercedes-Benz and other Original Equipment Manufacture Dual Clutch transmissions.

### TYPICAL PROPERTIES

Density, kg/Litre @ 15°C	0.856
Kinematic Viscosity, mm <sup>2</sup> /s @ 40°C	33.9
Kinematic Viscosity, mm <sup>2</sup> /s @ 100°C	7.0
Viscosity Index	172
Pour Point, °C	-50
Flash Point, °C	195



## PRODUCT DATA SHEET

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#### PERFORMANCE STANDARDS

GIANT DSG is suitable for use in the below specifications:

OEM	Transmissions	Specifications
Audi	DQ250, DQ500 DL501	VW TL 052 182 VW TL 052 529
BMW (Getrag)	7DCI600, DCI700	83 22 2 148 578, 83 22 2 148 579 83 22 0 440 214, 83 22 2 147 477 (BMW DCTF-I)
Citroen	6DCT451	Peugeot/Citroen 9734.S2
Ferrari	Getrag DCL750	TF DCT-F3
Fiat	MPS6 (6DCT450)	BOT 341
Ford/Getrag	6DCT450, 6DCT451, 7DCT300	Ford M2C936A (BOT 341)
Honda	8-Speed DCT	-
Mercedes-Benz	F-DCT350, F-DCT500	MB 236.21 (001 989 85 03), MB 236.25
Mitsubishi	6DCT470	MZ320065 Dia-Queen SSTF-I
Nissan	6DCT451	Ford M2C936A
Peugeot	6DCT451	Peugeot/Citroen 9734.S2
Porsche	ZF 7DT45HL, 7DT45HLA, 7DT45FL, 7DFL, 7DT70HLA, 7DT75, 7DT75A	Porsche Oil No. 999.917.080.00 (FFL-3)
Renault	Getrag	BOT 450
Seat	DQ250, DQ500	VW TL 052 182
Skoda	DQ250, DQ500	VW TL 052 182
Volkswagen	DQ250, DQ380, DQ400, DQ500	VW TL 052 182
Volvo	6DCT450	1161838 1161839