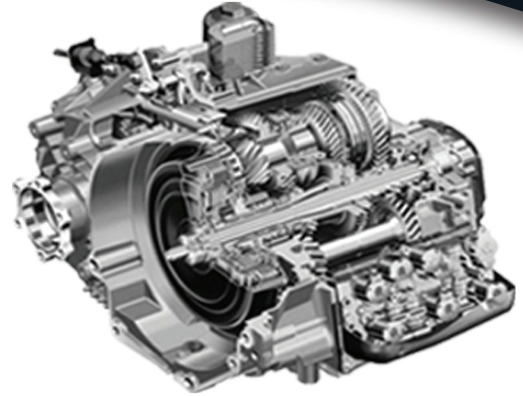


# AMALIE®

Better than it has to be®  
Since 1903



## UNIVERSAL

# SYNTHETIC

## DUAL CLUTCH (DCT) TRANSMISSION FLUID

### BENEFITS:

- » Fuel Economy Performance by Optimizing Friction
- » Industry Leading Anti-Shudder Performance
- » Protects Gears Both Compact and Heavily Loaded
- » Smoother Shifting
- » Improved Cold Temperature Response
- » Excellent Anti-Wear Protection
- » Outstanding Oxidative Stability
- » Exceptional Low Temperature Fluidity
- » Extended Corrosion Inhibition
- » Remarkable Foam Resistance



MADE IN U.S.A.



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DUAL CLUTCH (DCT)  
TRANSMISSION FLUID

**AMALIE Universal Synthetic Dual Clutch (DCT) Transmission Fluid** is designed for use in Dry-Dual Clutch Transmissions, Wet-Dual Clutch Transmissions (DCT) and direct-shift gearboxes (DSG). Employing the latest additive technology, **AMALIE Universal Synthetic Dual Clutch (DCT) Transmission Fluid** maintains essential frictional properties for all synchronizers, bearings, and wet clutches. It provides excellent component protection and enhanced service reliability. **AMALIE Universal Synthetic Dual Clutch (DCT) Transmission Fluid** is also designed to exceed the requirements of High-Performance Automobiles with engines producing 500 plus horsepower such as Audi, BMW, Ferrari, Mercedes Benz, Porsche, and many others.

**AMALIE Universal Synthetic Dual Clutch (DCT) Transmission Fluid** exceeds API GL-4 requirements and is suitable for many mechanical gearboxes requiring gear oil with a very low viscosity grade such as SAE 75W-80 as well as those requiring a “Synchromesh” type fluid. **AMALIE Universal Synthetic Dual Clutch (DCT) Transmission Fluid** will not harm blonde metals used in synchronizer designs.

\*Before use always refer to the owner’s manual or handbook of the vehicle

### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

API Gravity.....	34.25
Density, (lbs./gal).....	7.110
Kinematic Viscosity @100°C, cSt.....	7.250
Kinematic Viscosity @40°C, cSt.....	34.0
Viscosity Index.....	185
Color .....	Amber
Brookfield Viscosity @(-40°C) cP.....	8,000
Flash Point, °C (°F).....	195 (383)
Pour Point, °C (°F).....	-54 (-65)

Typical values are listed. Variations not affecting the performance of this fluid may occur during production; however, these variations will not fall outside of set specification parameters.

Please consult AMALIE Technical Services or your local representative for a full listing of applications.

Technical Services: • (800) 368-1264 • [techservices@amalie.com](mailto:techservices@amalie.com)

### SYNTHETIC TRANSMISSION FLUID

VISCOSITY	PACK SIZE	PART #
UNI. SYNTHETIC DCT	12-1 Quart	160-62896-56
	55 Gallon Drum	160-62893-05

### RECOMMENDATIONS

Only mix with similar products.

Refer to manufacturer’s recommendations for changing the fluid and adapt as justified.

Before use always refer to the owner manual or handbook of the vehicle.

The data presented herein are believed to be accurate; however, Amalie Oil Company shall not be liable for its content and makes no warranty with respect thereto.

### Health and Safety

Safety Data Sheets (SDS) are available from your sales representative or at [AMALIE.com](http://AMALIE.com).



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**DUAL CLUTCH (DCT)  
TRANSMISSION FLUID**

**PERFORMANCE APPLICATION CHART (DCT Applications)**

The chart below lists suitable for use applications

- Audi G 052 182 A2 (TL 521 82), G 052 512 (75W GO Dry Clutch)
- Audi G 052 513 (DSG), G 052 529 (TL 052 529), G 055 529
- BMW DCTF-1 Part Number 83 22 0 440 214, 83 22 2 148 578
- BMW 83 22 2 148 579, 83 22 2 147 477, 83 22 2 446 673
- BOT 341, BOT 351 C4, BOT 350 M3
- Citroën PSA Part Number 9734.S2
- Ferrari TF DCT-F3
- Fiat 9.55550-MZ-6 (75WGO) Tutela Transmission Gear force (Dry Clutch), BOT 341
- Ford WSS-M2C-936-A, WSS-M2C-200-D2 (Power Shift dry clutch XT-11-QDC), BOT 341
- GM DCTF FFL-4
- McLaren MP4-C12
- Mercedes Benz MB 236.21 (001 989 85 03), 266.22, 236.24, 236.25, 239.21
- Mitsubishi Diamond Queen SSTF-1 (MZ320065)
- Mopar C635 DDCT transmission fluid P/N 68092630AA
- Nissan Genuine Transmission Oil R35 Special, 999MP-GTRT00P
- Peugeot PSA Part Number 9734.S2
- Porsche 999.917.080.00 (FFL-3), P# 043 207 29 (FFL-3), 043 207 30 (FFL-3), 999.917.080.01
- Renault BOT 450, EDC Transmission (Dry Clutch)
- Seat G 052 182 (TL 52 182), G 052 512 (75W GO Dry Clutch), G 052 513 (DSG), TL 052 529
- Skoda G 052 182 (TL 52 182), G 052 512 (75W GO Dry Clutch)
- Skoda G 052 513 (DSG), TL 052 529
- Volvo BOT 341, #1161838, 1161839
- VW G 052 182 (TL 52 182), G 052 512 (75W GO Dry Clutch)
- VW G 052 513 (DSG), TL 052 529

**PERFORMANCE APPLICATION CHART (Synchromesh Applications)**

The chart below lists suitable for use applications

- GM 9985648, Part #12345349
- GM 9986105
- GM 9985535
- Chrysler MS-9224, Part#4874464
- Chrysler MS-9417
- GM 12345577
- GM 12377916, 88900399
- GM 1052931
- Chrysler 4874465

**PERFORMANCE APPLICATION CHART (POWER STEERING)**

The chart below lists suitable for use applications

- Chrysler MS-1872, MS-5931 P/N 04883077
- Chrysler MS-9602, MS-10838 P/N 05142896AA
- Ford M2C195-A
- GM P/N 89021184, 89021185, 19329450, 1052884(GM 9985010)
- GM P/N 12345866 (GM 9985835)
- Hyundai PSF-3
- Kia PSF-3
- Mercedes Benz 236.3 (P/N 000 989 88 03)
- Mitsubishi PS Fluid, Diamond SP-III
- Nissan PSF-II
- Saab P/N 45 30 09 800
- Subaru P/N K0209A0080
- Toyota PSF Type EH P/N 008886-01
- ZF TE-ML 09

**PERFORMANCE APPLICATION CHART (Mechanical Gearbox)**

The chart below lists suitable for use applications

- Audi G 052 178 (75W GO), G 052 726 (75W GO), G 052 798 (SAE 70W75), G 052 171 (SAE 70W75), Audi G 055 532 (75W-80 GL-4)
- BMW MTF-LT-5 (75W-80), Part Number 83 22 2167 666
- Seat (see Audi)
- Skoda (see Audi)
- VW (see Audi)
- API GL-4

**NOTE:**

**Not Recommended for Use: CVT (see Universal Synthetic CVT Fluid)**

**Not Recommended for Use: Standard Planetary Gear Transmissions (see Universal Synthetic ATF)**

**Health and Safety**

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