

KOYOTO DCTF

High Performance Fully Synthetic
Dual Clutch Transmission Fluid



Product Data Sheet

Product Description

KOYOTO DCTF is a high performance dual clutch transmission fluid, formulated with high quality fully synthetic base stocks and advanced additive technology with consistent shear stability for maintaining optimum film thickness for reliable protection of gears and bearings, also providing an outstanding improvement in friction durability enabling longer drain intervals under a broad range of driving conditions, temperatures and transmissions. It is designed specifically to be used as a service-fill DCT transmission fluid for European, Asian and American vehicles equipped with wet & dry dual clutch transmissions. Outstanding torque retention to provide smooth shift feel without NVH (Noise, Vibration and Harshness) concerns and all-around lubrication protection of the transmission components to help extend transmission service life with a smooth driving experience. It provides exceptional copper corrosion protection for better hardware durability, excellent oxidation control to provide longer fluid life and good seal compatibility for better leakage prevention.

Features & Benefits

- Excellent oxidation & thermal stability prevents oil thickening, enabling extension of fluid life.
- Optimized frictional properties that provides transmission efficiency and shifting performance.
- Excellent compatibility with all common seal materials helping the control of oil leakage.
- Good film-strength and anti-wear properties to reduce wear and maintain good transmission life.
- Outstanding low temperature pumpability and circulation, to ensure excellent cold start performance.
- Effective foam control properties provides consistent shifting performance and reduce fluid losses in severe service.
- Good low temperature pumpability and circulation, to ensure good cold start performance.
- Good oxidation & thermal stability prevents acid formation, deposit build up & oil thickening.

Specifications

KOYOTO DCTF meets or exceeds following International and Builder specifications:

- VW (Audi, Seat, Skoda) 6-speed FWD
- Renault EDC 6-speed
- Chrysler Powershift 6-speed
- Ford Powershift 6-Speed
- Mitsubishi TC-SST 6-speed
- Volvo powershift 6-speed

Application

KOYOTO DCTF series is suitable for use in following:

- Suitable as service-fill DCT transmission fluid for European, Asian and American vehicles.
- Suitable for DCTs equipped with both wet and dry dual clutch transmissions.

Typical Characteristics

KOYOTO DCTF	Test Method	Units	DCTF
Color	Visual	-	Red
Density @ 15 °C	ASTM D 4052	gm/cc	0.855
Viscosity @ 100 °C	ASTM D 445	cSt	7.25
Viscosity @ 40 °C	ASTM D 445	cSt	35.5
Viscosity Index	ASTM D 2270	-	175
Pour Point	ASTM D 97	°C	-48
Flash Point (COC)	ASTM D 92	°C	205
Brookfield Viscosity @-40°C	ASTM D 2983	cP	11,500

The above figures are typical of blends with normal production tolerance and do not constitute a specification.