

CHAMPION E-PULSE E-DCT FLUID

This is a premium E-DCT transmission and reduction gear fluid for electrified transmissions where wet clutch and synchroniser performance is required.

APPLICATIONS

Electrified transmissions with wet clutch and synchroniser. Key application is E-DCT, a DCT in which the clutches are replaced by 2 electric motors, also called a DHT or Dedicated Hybrid Transmission. Also suitable for reduction gears on both electric and hybrid vehicles.

FEATURES

Optimum electrical properties: allowing high voltages applications.

Excellent viscometrics: high shear stability.

Extended oil life: excellent thermal and oxidative stability.

SPECIFICATIONS

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TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.828
Kinematic viscosity at 40°C	ASTM D445	mm ² /s	36.1
Kinematic viscosity at 100°C	ASTM D445	mm ² /s	7.1
Viscosity index	ASTM D2270		163
Pour point	ASTM D6892	°C	-66
Flashpoint PMCC	ASTM D93	°C	207
Colour	VISUAL		Light Amber

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

CHAMPION CHEMICALS NV

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