

**Fluid for Dedicated Hybrid Transmission
For automatic transmissions of hybrid vehicles
Synthetic Technology**

TYPE OF USE

Synthetic technology High-Performance lubricant, specially developed for some modern automatic hybrid vehicle transmissions (automatic mode or energy recovery).

Specially adapted for DHT (Dedicated Hybrid Transmission), the electrified gearboxes of hybrid vehicles, in particular the automatic gearboxes of Asian manufacturers: TOYOTA, LEXUS, KIA, HYUNDAI, NISSAN, INFINITI, SUZUKI..., Americans: GM, FORD ... or Europeans: BMW, PORSCHE, VOLVO, VOLSKWAGEN ...

As a world premiere DHT fluid innovation, MOTUL e-ATF provides better electrical resistivity and therefore isolates better the electric motor integrated in the gearbox of the hybrid vehicle.

The unique dielectric properties of this DHT e-ATF fluid improve both passenger safety with regard to high voltage while reducing fuel consumption of the vehicle.

By minimizing electrical loss of the transmission fluid thanks to its very high resistivity properties, MOTUL DHT e-ATF improves the efficiency and protection of the electric motor and its sensitive components as well as the gear protection.

PERFORMANCES

MOTUL DHT e-ATF is a very high technology 100% Synthetic product largely exceeding the requirements of conventional ATFs (Automatic Transmissions Fluid) usually being used in those hybrid applications.

The exclusive formulation of Motul DHT e-ATF dedicated for hybrid vehicle transmissions:

- Allows better insulation of the electric motor for greater user's safety
 - Allows efficiency increase of the electric motor and thus, range increase in electric mode and fuel consumption reduction of the vehicle
 - Gives superior automatic transmission response and smooth shift feel
 - Maximum corrosion protection to preserve the electric motor and its multiple electronic components
 - Compatible with polymer and resin coating used in electric motors and connectors
 - Harmless to gaskets, joints and elastomers
 - Protects epicyclic gear trains and other gears, compact and heavy loaded
- the operation and efficiency of hybrid automatic transmissions at cold temperature
- Long lasting product with better oxidation resistance and better oil film stability at high temperature
 - Anti-wear, Anti-foam.

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty.



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RECOMMENDATIONS

Can be mixed only with similar DHT lubricants e-ATF type. Oil change: according to manufacturer's recommendations and adapt according to your own use.

PROPERTIES

Color	Visual	Amber
Density at 20°C (68°F)		0.838
	ASTM D445	30.6 mm ² /s
Viscosity at 40°C (104°F)		
	ASTM D445	6.2 mm ² /s
Viscosity at 100°C (212°F)		
	ASTM D2270	157.0
Viscosity Index		
Flash point	ASTM D92	224.0 °C / 435.0 °F

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OEM PERFORMANCES	
BMW	83 22 2 355 599
HYUNDAI	SP-IV
INFINITI	MATIC S
KIA	SP-IV
LEXUS	ATF WS, JWS 3324
NISSAN	MATIC S
PORSCHE	ATF AW-1
TOYOTA	##00289-ATFWS, ATF WS, Genuine ATF WS, JWS 3324
VOLVO	ATF AW-1
VW	G 055 540
PRODUCTS	
AISIN	ATF AW-1, AW-1
JALOS	Class 1A-LV, 1A - LV, M315

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