



# GEAR ATF PROTECT 8HP



## DESCRIPTION

CYCLON ATF **PROTECT** 8HP is a synthetic, high-performance automatic transmission fluid, specially formulated to ensure ultimate protection and superior lubrication of modern torque converter automatic transmissions. Formulated with superior quality synthetic basestocks and a specially selected additive chemistry. Aside from excellent aging and oxidation stability, optimal shifting is guaranteed under all operating conditions thanks to its high viscosity index. Enabling long oil change intervals, ATF **PROTECT** 8HP will ensure increased driving comfort through smoother gear shifts while at the same time reducing fuel consumption.

## APPLICATIONS

CYCLON ATF **PROTECT** 8HP has been specifically developed for use in the eight-speed, torque converter automatic transmissions 8HP of ZF Friedrichshafen AG, which can be found in passenger cars, SUVs and sports cars with gasoline, diesel and hybrid drives requiring a high-performance ATF of ZF TE-ML-11 quality level. ATF **PROTECT** 8HP is suitable for use various Audi, BMW, Jaguar, Land Rover, etc. models that are fitted with ZF's 8HP-series automatic transmission (8HP45, 8HP50, 8HP55, 8HP70, 8HP90). It can, also, be used in certain ZF six-speed 6HP automatic transmissions to be found in Audi Q7 and certain models fitted with Audi W12 engine units (6HP19A, 6HP19X, 6HP28F), as well in vehicles fitted with Aisin AW automatic transmissions where Aisin AW-1 or JWS 3324 specs are cited.

**Note:** CYCLON ATF **PROTECT** 8HP must not be used in eight-speed ZF 8HP65APH automatic transmissions. Always check the vehicle manual for suitable OEM P/Ns.

## CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
Advanced synthetic basestock in use.	Very good lubricating ability even at low temperatures.
Highly shear-stable formulation.	Superior oxidative resistance under severe operating environments.
Improved wear/corrosion protection and anti-foam performance.	Extended oil service durability and transmission life.
Superior anti-shudder performance.	Smooth gear shifts making the ride more comfortable for the driver and passengers.

## PHYSICAL-CHEMICAL CHARACTERISTICS

ATF PROTECT 8HP	METHOD	
Density at 15°C, g/cm <sup>3</sup>	ASTM D1298	0.8380
Viscosity, Kinematic @100°C, cst	ASTM D445	6.1
Viscosity, Kinematic @40°C, cst	ASTM D445	28.7
Viscosity, Dynamic @-40°C (Brookfield), Cp	ASTM D 2983	10200
Viscosity index	ASTM D2270	168
Flash point, COC, °C	ASTM D92	222
Pour point, °C	ASTM D97	-45
Color	Visual	Fair

The abovementioned characteristics represent mean values.

## SPECIFICATIONS

ZF TE ML-11; GM Dexron VI; Ford Mercon LV; JASO 1A-LV; Aisin AW AW-1, JWS 3324; Toyota WS; FIAT 9.55550-AVS; Land Rover TYK 500050, LR023288; Jaguar 02JDE26444; Honda ATF 3.1, ATF DW-1; Hyundai SP-IV; Nissan AT-Matic S Fluid  
Suitable: ZF Lifeguard Fluid 8 (P/N S671 090 312); BMW P/N 83 22 0 142 516, P/N 83 22 0 152 426, P/N 83 22 2 305 396, P/N 83 22 2 305 397, P/N 83 22 2 289 720, P/N 83 22 2 355 599; VW P/N G 055 005, P/N G 055 540, P/N G 060 162