Transmission Fluids

hyrax® ATF SP-4

Note:
All information supplied by or on behalf of Hyrax Oil in relation to its products, whether in the nature of data, recommendations or otherwise, is supported by rigorous laboratory work and research and believed to be reliable. Typical test data are average values only. Minor variations to typical properties not affecting the performance of the product are to be expected in normal manufacturing circumstances.

Base Fluids PREMIUM

Formulated with premium quality synthetic base fluids

Excellent anti-shudder performance and enhanced friction durability

Exceptional high and low temperature protection to resist fluid oxidation

Excellent rust and corrosion resistance

Description

Hyrax ATF SP-4 is an advanced technology synthetic Automatic Transmission Fluid (ATF) specially engineered for the lubrication of power transmissions and hydraulic systems for passenger cars and trucks. It is specially formulated with premium quality synthetic base fluids and advanced additive technology to provide exceptional performance in oxidation stability, low-temperature fluidity, friction control, load-carrying ability, corrosion and wear protection, viscosity consistency and resistance to thermal breakdown. It protects the critical lubrication regimes in automatic transmissions especially against the formation of sludge, varnish, foams and other harmful deposits which contribute to extended transmission life. Its ultra-low viscosity is specifically engineered to optimize the performance of the latest 6-speed transmissions to ensure outstanding gear shift quality.

Applications

Hyrax ATF SP-4 is recommended for use in all automatic transmissions, power steering and other hydraulic systems for most major Asian and European OEMs for 6-speeds automatic transmission specifications. Not recommended to be used for CVT transmissions.

Benefits

- Excellent anti-shudder performance and enhanced friction durability for smooth and jerk-free operations under normal or severe operating conditions
- Exceptional high and low temperature protection to resist fluid oxidation and effectively maintain stable viscosity over wider range of service applications
- Superior low temperature fluidity for excellent cold weather shifting performance
- Superior wear protection against wear, corrosion, and the formation of lacquers, sludge, or other harmful deposits
- Improved cleanliness of transmission system
- Minimizes ‘shift shock’ when gear shifts occur at low temperature
- Provides excellent shear stability for high resistance to mechanical shear
- Provides improved oil circulation at low temperatures and improved operational efficiency
- Provides improved ultra-low viscosity and friction modifiers that provide superior shift quality

Typical Characteristics

Properties	Method	ATF SP-4
Color	Visual	Red
Density at 15°C, Kg/L	ASTM D4052	0.867
Flash Point, °C	ASTM D92	>210
Pour Point, °C	ASTM D97	-50
Viscosity at 40°C, cSt	ASTM D445	29.0
Viscosity at 100°C, cSt	ASTM D445	6.0
Viscosity Index	ASTM D2270	159

Performance

- JWS 3324
- Honda DW-1
- JASO 1-A-LV
- Mazda ATF-FZ
- Saab 93 165 147
- Aisin Warner AW-1
- Hyundai NWS-9638
- Toyota WS (JWS 3324)
- Audi G 055 005 / G 055 162
- Nissan Matic S, Matic W
- Mitsubishi ATF-J2 / SP-IV
- Audi G 055 005 / G 055 162
- Volvo 6 speed MY 2011-2013
- Hyundai / Kia SP-IV, SPH-IV, SP-IV RR
- VW G 055 005 / G 055 162 / G 052 540
- BMW 83 22 0 142 516 / 83 22 2 152 426
- Mercedes-Benz MB p236.12 / p236.14 / p236.15 / p236.41