



Transmission Fluids

hyrax® MV ATF



Description

Hyrax MV ATF is an advanced technology synthetic Multi-Vehicle Automatic Transmission Fluid (ATF) specially engineered for the lubrication of power transmissions and hydraulic systems for passenger cars and trucks. It is engineered to exceed DEXRON®-IIIH, MERCON® V, JASO 1A, Toyota T-IV, Nissan Matic J and K, Mitsubishi Diamond SP-III, Allison C-4, and Chrysler ATF+4 specifications and suitable for service fill of most automatic transmissions manufactured by DaimlerChrysler, ZF, Voith and other major Asian and European OEMs especially those with slip lock up torque converters.

Hyrax MV ATF is formulated with premium quality synthetic base fluids and high performance additives system 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.

Applications

Hyrax MV ATF is recommended for use in all automatic transmissions, power steering and other hydraulic systems for which DEXRON®-IIIH, MERCON® V, JASO M315 1A, Toyota T-IV, Nissan Matic J and K, Mitsubishi SP-III, Chrysler ATF+4®, Allison C-4 are specified. It is also suitable for major Asian and European OEMs for 4-speed and 5-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

Typical Characteristics

Properties	Method	MV ATF
Color	Visual	Red
Density at 15°C, Kg/L	ASTM D4052	0.853
Flash Point, °C	ASTM D92	>210
Pour Point, °C	ASTM D97	-45
Viscosity at 40°C, cSt	ASTM D445	38.1
Viscosity at 100°C, cSt	ASTM D445	7.2
Viscosity Index	ASTM D2270	155

Performance

- Ford MERCON®
- GM DEXRON® IID / IIIG / IIIH
- Toyota T / T-II / T-III / T-IV+
- Honda ATF Z-1
- Kia Red-1
- PSA AL-4
- JASO 1-A
- Renault DP-0
- Volvo 4 speed
- Suzuki 3314, 3317
- Idemitsu K17 (JATCO)
- JWS 3309 (Aisin Warner)
- Subaru ATF / ATF-HP
- Mitsubishi SP-II / SP-III
- Ford XL-12 Transfer Case
- Mazda ATF-M III / ATF-MV
- ZF TE-ML 09, 11 (3 / 4 / 5 speed)
- Nissan 402 / Nissan Matic-D, J, K
- VW G 052 162 / G 052 990 / G 055 025
- Audi G 052 162 / G 052 990 / G 055 025
- Hyundai / Kia SP-II, SP-III, JWS 3314, JWS 3317
- Mercedes-Benz MB p236.1 / p236.2 / p236.3 / p236.5 / p236.6 / p236.7 / p236.9 / p236.11 / p236.81
- BMW 7045E (3 Series) / BMW 5 Series / LA 2634 / LT 71141



Excellent anti-shudder performance and enhanced friction durability



Formulated with premium quality synthetic base fluids



Exceptional high and low temperature protection to resist fluid oxidation



Excellent rust and corrosion resistance