



The First in Synthetics®

Shock Therapy Light #5 and Medium #10 Suspension Fluids

Ride Hard, Fly High

Formulated for Fade-Free Dampening and Smooth Rebounds in High-Performance Applications



Product Description

AMSOIL Shock Therapy Suspension Fluids are formulated with shear-stable synthetic base stocks with high viscosity indices. The complete additive package reduces foaming, aeration and wear, while seal conditioners are added to keep seals soft and pliable. AMSOIL Shock Therapy Suspension Fluids have been tested and proven to be superior, balanced products recommended for a wide range of temperatures and applications.

Controlled Dampening and Rebound

AMSOIL Shock Therapy Suspension Fluids are formulated to make suspension systems more predictable. The base stocks of AMSOIL Shock Therapy Suspension Fluids have inherently high viscosity indices that effectively maintain their viscosities, while their anti-foam agents reduce aeration and foam.



Reduces Friction and Wear

The constant friction within a shock body decreases suspension performance. AMSOIL Shock Therapy Suspension Fluids contain friction modifiers to reduce the energy loss caused by friction, while anti-wear agents are added to protect shocks and forks from premature wear.



TYPICAL TECHNICAL PROPERTIES

AMSOIL Shock Therapy Suspension Fluid

	STL	STM
Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	4.4	7.3
Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	15.7	32.1
Viscosity Index (ASTM D-2270)	210	205
Pour Point, °C (°F) (ASTM D-92)	-54 (-60)	-48 (-54)
Flash Point, °C (°F)	175 (347)	202 (396)
Fire Point, °C (°F)	192 (378)	217 (423)
Four Ball Wear Test (ASTM D-4172: 40 kg, 75°C, 1200 rpm, 1 hr)		
Scar Diameter, mm	0.40	0.40
Foam, ml (ASTM D-892) Sequence I, II, III	65/0, 60/0, 65/0	65/0, 60/0, 65/0
Blender Test (25°C, low speed, 1 min.)	2.5 mins to settle 8% foam	2.5 mins to settle 8% foam

AMSOIL STL #5 Replaces the Following Lubricants:

- Spectro SPL Ultra Light
- Race Tech Light
- Maxima Shock Fluid
- Silkolene Pro RSF
- Belray Fork 5W
- Redline Light
- PJ1 Fork Oil
- Belray HVI 5W
- Ohlins Front Fork #5
- Klotz 5W
- RydeFX
- Golden Spectro Very Light
- Bilstein Bilmst 3030
- SLP Light
- Showa SS05

AMSOIL STL #5 and STM #10 Are Recommended for Applications Specifying the Following:

- Denison HF-0, HF-1, HF-2
- Lee Norse 100-1
- Ford M6C-32
- BF Goodrich 0152 (except PM 500 Series)
- Racine Variable Vane Pump
- DIN 51524 Part 2
- Afnor E 48-603

AMSOIL STM #10 Replaces the Following Lubricants:

- Spectro SK400 Shock & Fork Oil
- Maxima Fork Oil 10
- Ohlins Front Fork Fluid #15
- Spectro Fork Oil 10W
- Redline Medium
- Harley-Davidson Fork Oil Type B
- Harley-Davidson Fork Oil Type E
- Race Tech Medium
- Belray HVI 10W
- Belray Fork 10W
- Klotz 10W
- Spectro SPL Very Light
- Fox Racing Oil

Recommendations

AMSOIL Shock Therapy Suspension Fluids are recommended for front forks and shocks on snowmobiles, motocross and cruiser motorcycles, ATVs and other racing and recreational use vehicles, as well as cars and trucks that require their suspension systems to perform in the most extreme conditions. It is recommended the fluid be agitated before use.

AMSOIL Shock Therapy Suspension Fluid is available in two different viscosities.

AMSOIL Shock Therapy Suspension Fluid Light #5 (STL) is recommended for, but not limited to, Showa,[®] Kayaba,[®] Bilstein,[®] RydeFX,[®] Penske,[®] WP[®] forks, RACETECH[®] (US1) and Custom Axis[®] suspension systems. Use Shock Therapy Light #5 where less dampening and quicker rebounds are desired. It is also the preferred choice for winter use.

AMSOIL Shock Therapy Suspension Fluid Medium #10 (STM) is recommended for, but not limited to, Ohlin,[®] FOX,[®] RACETECH,[®] (US2), Koni,[®] WP[®] shocks and Harley-Davidson[®] forks that recommend type "E" or "B" fork oil. Use Shock Therapy Medium #10 where more dampening control and slower rebounds are desired.

AMSOIL Product Availability

AMSOIL Shock Therapy Suspension Fluids are available in quarts and five-gallon pails.

AMSOIL products and Dealership information are available from your local AMSOIL Dealer.



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