

High Performance Fork Oil

PRODUCT DESCRIPTION

Bel-Ray® High Performance Fork Oil is formulated for use in all suspension forks including those using cartridge and dual chamber systems. Through the use of carefully selected high viscosity base oils, stiction and fade are reduced providing smooth operation over a wide temperature range. High Performance Fork Oil is available in six viscosity grades: 5W, 7W, 10W, 15W, 20W and 30W.

High Performance Fork Oil provides exceptional viscosity stability, anti-friction and anti-foam properties for use in all high-performance suspension systems, including cartridge forks. It is recommended for all OEM factory fill replacements.



PRODUCT FEATURES

- Superior anti-wear
- Minimized friction
- Viscosity stability
- Anti-foam

BENEFITS

- Unique Bel-Ray anti-wear chemistry greatly reduces stiction, friction and wear for extended suspension tubes and sliders life and more responsive and reliable performance
- Bel-Ray friction modifiers increase lubricity for minimum “stiction” and for more responsive and better handling suspension over irregular terrain.
- Viscosity stability provides long lasting and consistent performance and response, even as the suspension heats up.
- Eliminates foaming and air entrainment for consistent damping.

APPLICATIONS

- Recommended for all standard and cartridge type motorcycle fork suspensions on street and off-road motorcycles, ATVs and all other high-performance applications
- Direct replacement of original OEM fill
- Follow the fork manufacturer’s recommendation for grade selection. For fine tuning damping characteristics all grades of High Performance Fork Oil may be blended with each other

DISTRIBUTED BY:

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TECHNICAL DATA SHEET



OEM Fork Oil Cross Reference

OEM Fork Oil	Bel-Ray Replacement
Pro-Honda HP 5W	High Performance Fork Oil 5W
Pro-Honda HP A15-00	High Performance Fork Oil 5W
Pro-Honda HP SS-19	High Performance Fork Oil 5W
Pro-Honda HP SS-47	High Performance Fork Oil 10W
Harley Davidson Type B	High Performance Fork Oil 10W
Harley Davidson Type E	High Performance Fork Oil 20W
Harley Davidson Type D	High Performance Fork Oil 10W
Harley Davidson Heavy Performance	High Performance Fork Oil 20W
BMW Type 1	High Performance Fork Oil 15W
BMW Type 2	High Performance Fork Oil 10W
Yamalube 5W	High Performance Fork Oil 5W
Yamalube 10W	High Performance Fork Oil 7W
Yamalube 15W	High Performance Fork Oil 15W
Yamalube 20W	High Performance Fork Oil 15W

PRODUCT DATA

Typical Properties							
Property	Test Method	5W	7W	10W	15W	20W	30W
Density @ 15°C (g/mL)	ASTM D4052	0.8524	0.8564	0.8567	0.8720	0.8751	0.8876
Viscosity @ 40°C (cSt)	ASTM D445	19.1	32.4	34.9	53.1	73.8	107
Viscosity @ 100°C (cSt)	ASTM D445	4.03	5.71	6.02	7.67	9.43	12
Viscosity Index	ASTM D2270	108	118	118	109	109	104
Flash Point, °C (°F)	ASTM D92	197 (386)	222 (432)	230 (446)	237 (458)	249 (480)	249 (480)
Pour Point, °C (°F)	ASTM D97	-45 (-49)	-42 (-44)	-39 (-38)	-36 (-33)	-27 (-17)	-21 (6)

HEALTH and SAFETY

Health and safety recommendations for products can be found on the Safety Data Sheet (SDS) at www.belray.com

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