



## Raysun Shock Oil

### Suspension Fork and Shock Absorber Oil

Raysun Shock Oil are blend of carefully selected paraffinic base oils and extremely effective inhibitor additives designed for use in a wide variety of motorcycles and for different applications and climatic conditions. As the different motorcycle manufacturers require specific viscosities for the fork oils, the Raysun range is available offered in a series of grades. The very low pour point and high viscosity index contributes to the excellent performance of these oils over a very wide temperature range; from freezing cold winter to very hot summer. The oils exhibit an exceptional smooth hydraulic springing and shock absorbing action, while at the same time scuffing and wear are reduced to a minimum. They offer good protection against foam and corrosion. Most importantly oil seal materials are not adversely affected by these products. The formulation components used in Raysun Shock oils are very resistant for thermal and oxidation stability, and the shear-stable polymers which provide the multi-grade viscosity characteristics ensure the oil stays 'in- grade' during prolonged periods of use

#### Advantages

- Multi-grade viscosity characteristics ensure that the oil be used in both cold and hot ambient temperatures ■
- Smooth operation of the shock absorber/spring suspension system giving a safe and comfortable ride ■
- High thermal and oxidation stability enable operation in broad temperature range ■
- Minimal scuffing and wear, compatible with oil seals ■
- Does not foam and protects against corrosion ■
- Durable stay-in-grade properties ■
- Raysun Shock Oils may be mixed together to give the desired final viscosity indicated by the motorcycle or shock absorber manufacture ■

#### Applications

- Suitable for service fill use in the suspension forks of a large range of motorcycles, and can be used in competitions such as Motocross, Racing and Trials, as well as normal on-road service ■



## Raysun Shock Oil

ISO Grades		ASTM Method	Specification
15	12		
0.854	0.843	D 1298	Density @ 15°C, kg/l
15	12	D 445	Viscosity @ 40 °C, cSt.
166	188	D 2270	Viscosity Index
184	180	D 92	Flash Point, °C
-48	-51	D 97	Pour Point, °C

Note: "All of the results are typical and the results of each batch are presented in the COA sheet."