

STERN Hydraulic 10W M-Series

STERN Hydraulic 10W is a high-performance hydraulic oil formulated from advanced base oils and a balanced additive system designed to satisfy a wide range of heavy-duty hydraulic equipment requirements. This product is specifically engineered using an effective balance of ashless dispersants and metallic detergents combined with inhibitors to control oxidation, wear, corrosion and rust. Hydraulic 10W is used in a wide range of on and off-highway hydraulic applications.

Hydraulic 10W delivers excellent performance in a wide range of hydraulic systems and components using various multi-metal designs. The product also provides effective low and high ambient temperature performance due to high viscosity index. Its' excellent oxidation resistance delivers good performance at higher temperatures and extended operating intervals. High levels of anti-wear protection result in extended equipment life and fewer breakdowns. Hydraulic 10W is compatible with other engine oils in case of unplanned mixtures.

APPLICATIONS

Recommended by Stern for use in:

- Hydraulic systems and components used in conjunction with equipment from leading American, European, and Japanese manufacturers
- Hydraulic systems where wide ambient temperatures are encountered
- Hydraulic systems containing gears and bearings where good anti-wear properties are required
- On and off-highway industries including trucking, construction, mining, quarrying, and agriculture

TYPICAL PROPERTIES

Hydraulic 10W	SAE 10W
<i>Kinematic Viscosity at 40°C</i>	37.7
<i>Kinematic Viscosity at 100°C</i>	6.1
<i>Viscosity Index</i>	107
<i>Flash Point, °C</i>	232
<i>Total Base Number, mgKOH/g</i>	4
<i>Sulfated Ash, %wt</i>	0.5
<i>Pour Point, °C</i>	-30
<i>Density at 15°C. kg/l</i>	0.877