

GOLDENSTONE® Shock Absorber Oil

Technical Data Sheet (TDS)

HYDRAULIC OILS

Description and Application

The Shock absorber oil GOLDENSTONE® is formulated from highly refined base oils, a highly shear stable Viscosity Index Improver and an additive package including rust, oxidation and corrosion inhibitors.

The shock absorber oil GOLDENSTONE® is used as working media in shock absorbers of passenger cars, light duty and heavy duty trucks and other commercial vehicles.

Benefits

- Very good thermal and mechanical stability
- Excellent low temperature performance down to -40°C
- Low foaming tendency
- Low volatility
- Very good protection against wear and cavitation wear

Specifications

ISO 3448	VG 15
ISO 6743/4	ISO -L-HV
ISO 11158	HV
DIN 51524	Part 3 (HVLP)

Typical Characteristics

Parameter	Test Method	Typical Value
Density at 20°C, g/ml	EN ISO 3675	0.867
Colour	Visual	Red
Appearance	Visual	Clear fluid
Kinematic viscosity, mm ² / s		
- at 40°C	EN ISO 3104	14.0
- at 100°C	EN ISO 3104	4.0
- at - 20°C	By extrapolation	250
- at - 30°C	By extrapolation	500
Viscosity Index	ISO 2909	140
Flash point, COC , °C	EN ISO 2592	150
Flash point, PMCC , °C	ISO 2719	140
Pour point, °C	ISO 3016	- 40
Copper strip corrosion, 3h, 100°C	EN ISO 2160	1a
Foaming, ml (Tendency/Stability)	ISO 6247	
- Seq I, at 24°C		50/0
- Seq II, at 93.5°C		50/0
- Seq III, at 24°C		50/0

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

www.goldenstoneoils.com