

Cleaner TG 493

Detergent-Additive for Cleaning of Oil Systems

DESCRIPTION:

Boss Cleaner TG 493 is a detergent-additive for mineral oils and synthetic oils, that are compatible with mineral oils. The high-valuable compounds in this product help in a synergistic effect to dissolve and disperse dirt, sludge and coke in oil systems. Depending on the size of particles in the oil, they are either filtered out or stay dispersed and can be removed in an usual oil change.

ADVANTAGES:

- Cleans oil systems before oil change
- Dissolves and disperses dirt, sludge and coke
- Reduces settling of particles for an effective flushing
- Higher life-time of the fresh oil due to cleaner systems
- Saves time for cleaning of oil systems

APPLICATION:

Boss Cleaner TG 493 is used as an additive for hydraulic, turbine, gear and heat transfer oils. The additive is added to the oil system and the whole oil is circulated and used under normal conditions. After 1-2 weeks of usage the oil is removed as good as possible. A subsequent flushing with a flush oil or with fresh oil may be incorporated.

Especially for hydraulic, turbine and gear oils the remaining amount of old oil should not exceed 5%, as this can affect air and water separation properties of the fresh oil.

Typical concentrations:

Turbine oils:	0,5 %
Hydraulic oils:	1 %
Gear oils:	1-2 %
Heat transfer oils:	1-2 %

STORAGE CONDITIONS:

Please store at clean and dry location in closed containers. We recommend to store the goods inside the building and to protect against frost, heat and direct sun exposure. For further information see also details in the MSDS (Material Safety Data Sheet).

TECHNICAL DATA:

Property	Value	Unit	Method
Appearance	Clear, brown liquid	-	visuell
Density	0,90	g/cm ³	DIN 51757
Viscosity at 40 °C	ca. 100	mm ² /s	DIN 51562
Pour Point	< -10	°C	DIN ISO 3016
Flash point	186	°C	EN 22719

The information in this product information based on general experience and knowledge of Boss Lubricants GmbH & Co. KG in the development and manufacture of lubricants and reflects our current status of knowledge. The performance of our products depends on many factors, in particular on the specific use, operating conditions, component pre-treatment, at risk of external contamination, etc. For this reason general statements about the function of our products are not possible. The information in this data sheet provides general, non-binding guidelines. Never they contain an assurance of properties or guarantee regarding the suitability of the product for the individual case.

It is the user's responsibility, to test the functional safety of the product in the field of application and to ensure a careful use of the product. Prior of using the product, we recommend our customers a personal consultation with one of our contact persons at Boss Lubricants GmbH & Co. KG, to receive comprehensive information about the operating conditions and performance characteristics of this product.

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