



Technical Information

Tribosulf 900

Synthetic Gear Oils

Product Description

ASV® Tribosulf 900 series synthetic gear oils are highly effective high temperature extreme pressure industrial gear oils based on synthetic hydrocarbons (PAO) for providing high performance under severe operating conditions beyond the scope of conventional mineral oil based gear oils.

Formulated with a selected blend of additives for high load carrying, high temperature oxidation and corrosion protection, these oils are designed for maximum performance under the most demanding operating conditions.

High degree of thermal & oxidation stability allows for extended lubrication, increase in re-lubrication intervals and reduction in lubricant costs.

ASV® Tribosulf 900 series synthetic gear oils are highly shear stable, reduce maintenance costs, extend life of the equipment as well as drain intervals.

The superior extreme pressure & friction reducing agents prevent welding, scuffing and galling of gear teeth, even under shock load conditions.

ASV® Tribosulf 900 synthetic series gear oils exhibit very low pour points ensuring excellent low-temperature fluidity while eliminating delays due to start-up problems.

Benefits

- Reduces gear tooth wear and protect gear teeth from galling, scuffing and welding
- Improves gear efficiency and energy saving by way of lesser power consumption
- Excellent extreme pressure protection
- No lead based additives
- Outstanding thermal and oxidative stability
- Reduces lubricant consumption
- Prolongs oil change intervals and extended drains
- Provides high temperature lubrication and protection from wear
- Superior EP additives provide excellent load carrying
- Possesses very high shear stability
- Increases service life of equipment
- Reduces maintenance costs and downtime
- Provides complete protection from rust and corrosion
- Low foaming tendencies
- Exceptional low pour points ensure low temperature fluidity
- Compatible with all commonly used elastomers, gaskets and sealing materials

Note

ASV® Tribosulf 900 synthetic gear oil series are compatible with mineral oils and ester based fluids. Before conversion to this series synthetic gear oils, it is recommended to clean and flush the gears and lubrication points.

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Technical Properties

Property	Value						Test Method
ASV® Tribosulf Syn Gear Oil	900/150	900/220	900/320	900/460	900/680	900/1000	
Appearance	Oily fluid	Oily fluid	Oily fluid	Oily fluid	Oily fluid	Oily fluid	Visual
Color	Pale yellow	Pale yellow	Pale yellow	Pale yellow	Pale yellow	Pale yellow	Visual
Viscosity at 40°C, mm ² /s	135-165	200-240	290-350	415-500	610-750	900-1100	ASTM D 445
Viscosity at 100°C, mm ² /s	17-19	22-25	27-30	39-45	60-70	75-85	ASTM D 445
ISO VG Grade	150	220	320	460	680	1000	
Viscosity Index	125	125	125	125	125	123	ASTM D 2270
Density, g/cc	0.85-0.95						ASTM D 1298
Flash Point °C	+240	+240	+240	+240	+240	+240	ASTM D 92
Pour Point °C	-40	-40	-30	-30	-30	-20	ASTM D 97
Copper Strip Corrosion Test	1a	1a	1a	1a	1a	1 a	ASTM D 130
Rust Protection, distilled water	Pass	Pass	Pass	Pass	Pass	Pass	ASTM D 665

Available Packaging

- 5, 30 & 200 liters

General

Use in well ventilated areas. Avoid continuous breathing of vapor and spray mist. In closed areas or areas with poor ventilation, use respiratory protection. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

Disposal

All used and unused product should be disposed of in accordance with state regulations.

Shelf Life

24 months from date of manufacture in sealed condition

Handling

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding personal protective equipment, safe use, physical and health hazards. Safety data sheet is available from ASV or your local ASV distributor.

Limited Warranty

The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended ASV® product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty.

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MOLYSULF® & ASV® Specialty Lubricants & MRO Technical Chemicals.

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