

## Tribosulf 900 Series

### LUBRICATING OILS

## PREMIUM FLUID LUBRICANTS BASED ON SYNTHETIC HYDROCARBONS (PAO) FOR GEARS & BEARINGS

### Product Description

ASV® Tribosulf 900 series synthetic oils are highly effective high temperature extreme pressure industrial oils based on synthetic hydrocarbons (PAO) for providing high performance under severe operating conditions beyond the scope of conventional mineral oil based 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 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 series synthetic oils exhibit very low pour points ensuring excellent low-temperature fluidity while eliminating delays due to start-up problems.

### Applications

Lubrication of gears under high temperatures and heavy loads; heavily loaded plain and roller bearings; for providing heavy duty, extreme pressure and long lasting lubrication in heavy engineering and manufacturing plants.

### Benefits

- Reduce gear tooth wear and protect gear teeth from galling, scuffing and welding
- Improve gear efficiency and energy saving by way of lesser power consumption
- Excellent extreme pressure protection
- No lead based additives
- Outstanding thermal and oxidative stability
- Reduce lubricant consumption
- Prolong oil change intervals and extended drains
- Provide high temperature lubrication and protection from wear
- Superior EP additives provide excellent load carrying
- Possess very high shear stability
- Increase service life of equipment
- Reduce maintenance costs and downtime
- Provide 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 series synthetic oils are compatible with mineral oils and ester based fluids. Before conversion to this series synthetic oils, it is recommended to clean and flush the gears and lubrication points.

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| TECHNICAL PROPERTY                     |             |             |             |             |             |             |             |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| PARAMETER                              | VALUE       |             |             |             |             |             | TEST METHOD |
| ASV® Tribosulf® 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 <sup>2</sup> /s  | 135-165     | 200-240     | 290-350     | 415-500     | 610-750     | 900-1100    | ASTM D 445  |
| Viscosity at 100°C, mm <sup>2</sup> /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  |

#### 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.

#### 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.

Manufactured by  
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#### Available Packaging

5/30/200 liter

#### Shelf Life

36 months from date of manufacture in sealed condition.

#### 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. Product manufactured is for industrial use only.

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