



# FUSHENG

## TECHNICAL DATA SHEET

### FS 600

*(Fusheng Synthetic Screw Aircompressor Oil)*

#### PRODUCT DESCRIPTION

FS600 is a custom-blended polyalphaolefin (PAO and ester) synthetic hydrocarbon compressor fluid giving improved lubrication at high and low temperatures, reduced volatility, and compatibility with mineral oils and equipment designed for use with mineral oils.

FS600 is a long life lubricant formulated with rust and oxidation inhibitors. FS600 has excellent thermal stability, long service life, good viscosity change behavior, excellent anti-foaming property and TAN change ratio.

FS600 can be used up to 6000 hours and sometimes beyond, although it is recommended that oil condition is monitored regularly.

FS 600 synthetic lubricant is specially formulated for Fusheng compressor.

#### TYPICAL PHYSICAL CHARACTERISTICS

| Properties                             | Method     | FS 600     |
|--|------------|------------|
| Part number                            |            | 2100050209 |
| Viscosity @ 40°C (mm <sup>2/s</sup> )  | ASTM D445  | 46         |
| Viscosity @ 100°C (mm <sup>2/s</sup> ) | ASTM D445  | 7.5        |
| Viscosity Index                        | ASTM D2270 | 139        |
| Density @ 15°C (kg/m <sup>3</sup> )    | ASTM D1298 | 845        |
| Pour Point (°C)                        | ASTM D97   | -52        |
| Flash Point, C.O.C (°C)                | ASTM D92   | 245        |
| Fire Point, C.O.C (°C)                 | ASTM D92   | 270        |
| Copper corrosion                       | ASTM D130  | 1A         |
| TAN (mg KOH/g)                         | ASTM D664  | 0.1        |

*These values are not intended for use in preparing specifications.*

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