



®

FUKKOL**Nourishment for**
Your Machines

TECHNICAL DATA SHEET

SYN-GEARFUL Gear Oil

ISO 32、46、68、100、150、220、460、680

Description

FUKKOL SYN-GEARFUL GEAR OIL series is made of synthetic base oil. It is widely applied to all kinds of extreme harsh applications at high temperature or low temperature. FUKKOL SYN-GEARFUL GEAR OIL series has low fluid traction coefficient and high viscosity index. Compared with mineral oils, this series can reduce power consumption, extend machine life and have a longer service life.

| Products Code | Packings | Capacity |
|---------------|----------|----------|
| I100253-4L | Can | 4L |
| I100253-18L | Pail | 18L |
| I100253-200L | Durm | 200L |

Purpose:

- Suitable for heavy duty industrial gear combinations (including helical gears and hyperbolic gears) and other gears that cause vibration loads.
- It is also suitable for spiral gear group with bronze as raw material.
- Lubrication of ordinary bearing and antiwear bearings.
- This series of oils, especially those with less viscosity, is also suitable for circulating lubrication systems.
- The rich high SYN-GEARFUL OIL There is no difference between the series and the general mineral oil in the compatibility of sealing materials, but in order to achieve the best effect, it is better to thoroughly clean the system before changing the oil.

Typical Physical Properties:

| ISO Grade | DENSITY 20 °C , g/cm ³ | FLASH POINT °C | POUR POINT °C | VISCOSITY 40°C mm ² /s | COPPER CORROSION 100 °C, 3 hrs |
|-----------|--------------------------------------|-------------------|------------------|--------------------------------------|-----------------------------------|
| 32 | 0.84-0.89 | >240 | <-21 | 28.8~35.2 | 1a |
| 46 | 0.84-0.89 | >240 | <-21 | 41.4~50.6 | 1a |
| 68 | 0.84-0.89 | >240 | <-21 | 61.2~74.8 | 1a |
| 100 | 0.84-0.89 | >240 | <-21 | 90-110 | 1a |



®

FUKKOL**Nourishment for**
Your Machines

TECHNICAL DATA SHEET

| | | | | | |
|------|-----------|------|------|----------|----|
| 150 | 0.84-0.89 | >240 | <-21 | 135-165 | 1a |
| 220 | 0.84-0.89 | >240 | <-21 | 198-242 | 1a |
| 460 | 0.84-0.89 | >240 | <-21 | 412-506 | 1a |
| 680 | 0.84-0.89 | >240 | <-21 | 612-748 | 1a |
| 1000 | 0.84-0.89 | >240 | <-21 | 900-1100 | 1a |