

# TECHNICAL DATA SHEET

## STA-PUT® CKC Gear Lubricants

STA-PUT® CKC Lubricating Oils incorporate safe and effective additives in high quality base oils and are designed to withstand the churning, aeration and heat generation that are characteristic of gearboxes.

STA-PUT® CKC Lubricating Oils enhance lubrication in a variety of applications, where sliding and rolling motion of gear sets would rupture a normal lubricating film.

STA-PUT® CKC products exceed stage 12 in the FZG test DIN52354.2 A/8.3/90

They also meet or exceed the requirements of the following main tests for this fluid category:

- Copper corrosion resistance (ASTM D130)
- Rust Test (ASTM D665A)
- Demulsibility (ASTM D1401-96)
- Foam Test (ASTM D892 I, II, III)

### Applications

Gearboxes, drives and couplings in machine tools, presses, conveyors, cranes and similar industrial equipment.

### Recommendation for Use

Use as supplied, without dilution.

### Additional Product Data

- ISO6743-6 CKC
- DIN51517-Part 3 (CLP)
- US Steel 224
- AGMA 250.04
- AGMA 9005-D94
- SEB 181 226

### Benefits

- Longer plant / equipment life, with fewer failures
- Lower spend on maintenance and repairs
- Increased plant availability
- Reduced energy consumption
- Increased productivity

### Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.



## Typical Physical Properties

| STA-PUT® CKC                     | 68   | 100  | 150  | 220  | 320 | 460 |  |
|----------------------------------|------|------|------|------|-----|-----|--|
| Specific Gravity @ 15.5°C        | 0.88 | 0.89 | 0.89 | 0.9  | 0.9 | 0.9 |  |
| Kinematic Viscosity @ 40°C cSt   | 68   | 100  | 150  | 220  | 320 | 460 |  |
| Kinematic Viscosity @ 100 °C cSt | 8.7  | 11.2 | 15.5 | 19.5 | 25  | 31  |  |
| Viscosity Index                  | 100  | 100  | 100  | 100  | 98  | 98  |  |
| Pour Point °C                    | -18  | -15  | -12  | -12  | -12 | -9  |  |
| Flash Point °C (ASTMD92)         | 220  | 220  | 220  | 240  | 240 | 260 |  |

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose.

