

## SILKOLENE COMP GEAR

### Synthetic Ester technology racing gear oil

#### Description

SILKOLENE COMP GEAR is a high performance, ester synthetic technology gear oil designed to give outstanding performance and protection to racing gearboxes whilst also reducing viscous drag and other frictional losses to maximise power transfer. SILKOLENE COMP GEAR gives fast, smooth gear changes and responsive, positive clutch action. SILKOLENE COMP GEAR also protects gears from pitting and prolonging component life and providing race durability.

#### Application

SILKOLENE COMP GEAR is suitable for use in off-road competition machines as well as track and road race sports machines where gearbox and clutch lubrication is combined.

SILKOLENE COMP GEAR has high thermal stability. It is designed to withstand the high thermal stresses generated in all forms of racing application.

Proven in Motocross Grand Prix Racing, SILKOLENE COMP GEAR has outstanding load carrying capabilities and is able to withstand the shock loads imposed by off road tracks.

SILKOLENE COMP GEAR is also compatible with aluminium and Kevlar faced clutch plates. It ensures excellent lubrication and prevents overheating of gearbox components such as selector forks and bearings.

**NOTE: Not suitable for hypoid applications**

#### Advantages / Benefits

- Maximum wear protection for racing gearboxes
- Minimises frictional losses and viscous drag
- Maximises power output
- Reduces clutch and gear wear
- Optimises clutch friction characteristics
- Reduces clutch drag

**Typical Data: SILKOLENE COMP GEAR**

| Characteristics               | Unit               | Test Method | Result |
|-------------------------------|--------------------|-------------|--------|
| Specific Gravity at 15°C      |                    | IP160       | 0.860  |
| Kinematic Viscosity @ 40°C    | mm <sup>2</sup> /s | IP71        | 103.6  |
| Kinematic Viscosity @ 100°C   | mm <sup>2</sup> /s | IP71        | 15.9   |
| Viscosity Index (VI)          |                    | IP226       | 164    |
| Cold Crank Viscosity at -25°C | cP                 | ASTM D5293  | 5240   |
| Pour point                    | °C                 | IP15        | -44    |
| Closed Flash Point            | °C                 | IP34        | 185    |
| SAE Rating – Gearbox          |                    |             | 80W-90 |
| SAE Rating – Engine           |                    |             | 10W-40 |