

## **SILKOLENE 02 AND 05 SYNTHETIC RACING FORK FLUIDS**

### **Description**

FUCHS SILKOLENE have utilised 21st century technology synthetics to bring you FUCHS SILKOLENE 02 AND 05 SYNTHETIC RACING FORK FLUIDS. This unique technology integrated with race-developed anti-foam and anti-wear chemistry give exceptional performance in the latest front forks and suspension systems.

Outstanding resistance to shear forces and high temperatures, make the SILKOLENE 02 AND 05 SYNTHETIC RACING FORK FLUIDS ideally suited to long distance events and severe operating conditions, where consistent performance from start to finish is vital.

### **Application**

SILKOLENE 02 is recommended as a starting point for inverted (USD) forks where a light viscosity oil is recommended by the manufacturer. Where rider, track or operating conditions dictate Silkolene 05 may be suitable or alternatively a combination of both SILKOLENE 02 and 05 can be mixed for a precise set up.

Extensive use by factory teams and suspension specialists in off road and road racing has proved that SILKOLENE 02 AND 05 SYNTHETIC RACING FORK FLUIDS provide the answer to any situation regardless of climate or terrain.

In arduous 4-wheel competition the SILKOLENE 02 AND 05 SYNTHETIC RACING FORK FLUIDS are the choice of suspension specialists for particularly severe applications including World Rally Car, Rallycross, Desert Racing and Formula One.

### **Advantages / Benefits**

- The 100% synthetic formulation combats fluid volatility at high temperatures, ensuring predictable damping characteristics with all types of air, nitrogen and argon-filled systems
- Shear stable, high viscosity index formulation adds to the synthetic base oil benefits to give predictable performance in all conditions
- FUCHS SILKOLENE Electrosyntec technology reduces friction and 'stick-slip' giving a silky smooth action with very low seal wear



**Typical Data: SILKOLENE 02 AND 05 SYNTHETIC RACING FORK FLUIDS**

			<b>02 SRFF</b>	<b>05 SRFF</b>
<b>Characteristics</b>	<b>Test Method</b>	<b>Unit</b>		
Appearance			Yellow / amber	Very pale
ISO No.			15/22	46
SAE Rating			10W	30
Specific Gravity at 15°C	IP160		0.861	0.870
Kinematic Viscosity @ 40°C	IP71	mm <sup>2</sup> /s	17.94	43.18
Kinematic Viscosity @ 100°C	IP71	mm <sup>2</sup> /s	5.27	9.48
Viscosity Index (VI)	IP226		260	212
Flash Point (Closed Cup)	IP34	°C	162	206
Pour point	IP15	°C	-48	-40