



CL 3800 PREMIUM SILICONE OIL

PRODUCT DESCRIPTION

CL 3800 Premium Silicone Oil is blend with specially selected water clear performance based dimethyl siloxane polymers that has a wide application and usage. **CL 3800** has viscosity range of 50cst at 25 degree Celcius. **CL 3800** has many special properties as below.

PRODUCT FEATURES

- 100% pure polydimethylsiloxane
- Insoluble in most petroleum system
- Low surface tension
- Exceptional stability to chemical attack
- High oxidation attack
- High flash point
- Low pour point
- Food Grade approved ingredients
- Physiological inertness
- Water repelling
- Excellent dielectric strength

APPLICATION

- **As a release agent** : non-toxic, non carbonizing mould release on rubber, plastic and metal die-casting.
- **As an anti foam agent** : to control foaming build up
- **As a mechanical fluid** : High viscosity index, thermal and chemical stability , shear breakdown resistant and rubber compatibility as well as the compressibility make this fluid outstanding for mechanical and hydraulic uses.
- **As an additives** : for cosmetic ingredients, food processing and polishes etc

TYPICAL SPECIFICATION

Viscosity at 25 degree Celcius	50 cst
Viscosity at 100 degree Celcius	15 cst
Specific heat capacity	1500 J/ (kg.K)
Breakdown Voltage, DIN 43481	30 KV
Density	0.95
Pour Point , °C	-60°C
Flash Point , °C, DIN 2592	> 280°C
Refractive Index, DIN 51423	1.4