

# GEARMAX 680

**Product code:** 261200701

## Mineral oil based industrial gearbox oil

Gearmax is a premium gear oil designed for the lubrication of open and closed gears working under heavy conditions and/or shock loads.

Excellent wear protection under extreme pressures/shock loads. High thermal and oxidation stability allowing continuous use at elevated temperatures. Effective protection against rust and corrosion. Very good anti-foam properties as well as water separation characteristics. Gearmax is also compatible with yellow metals in worm gears, but for that application we recommend Geartop PAG.

## Benefits & Advantages

- Long service life
- Versatility
- Non foaming
- Superior oxidation resistance
- Reducing operating temperatures
- Exceptional protection from wear

## Performance level

- DIN 51517-PART 3 (CLP)
- US Steel 224
- AGMA 250.04 EP/9005-D94
- TIMKEN OK LOAD 75 lbs
- FZG load stage >12
- David Brown S1.53.101

## Typical Performance Data

Property	Test Method	Value
Density @ 15°C, kg/m <sup>3</sup>	ASTM D1298	902
Viscosity @ 40°C, cSt	ASTM D445	678
Viscosity @ 100°C, cSt	ASTM D445	39,4
Viscosity Index	ASTM D2270	>96
Flash point C.O.C, °C	ASTM D92	>201
Pour point, °C	ASTM D97	-15
FZG Fail Load Stage	DIN 51354	>12
Total Acid Number, mgKOH/g		<0.5

All performance data on this Technical Data Sheet are indicative only and can vary during production.