



Gearmax

Mineral oil based industrial gearbox oil

Description

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

- 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

	68	100	150	220	320	460	680	1000
Density @ 15 °C kg/m ³	884	887	892	897	901	906	902	901
Viscosity @ 40 °C, cSt	68	100	149	221	319	462	678	999
Viscosity @ 100 °C, cSt	8.7	11.4	14.2	19.0	24.1	30.8	39.4	54.1
Viscosity index	98	>95	>95	>96	>95	>96	>96	90
Flashpoint C.O.C., °C	201	>210	>201	>201	>201	>201	>201	>201
Pour point, °C	-15	-27	-21	-15	-9	-9	-15	-3
FZG Fail Load Stage	>12	>12	>12	>12	>12	>12	>12	>12
Total Acid Number, mgKOH/g	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

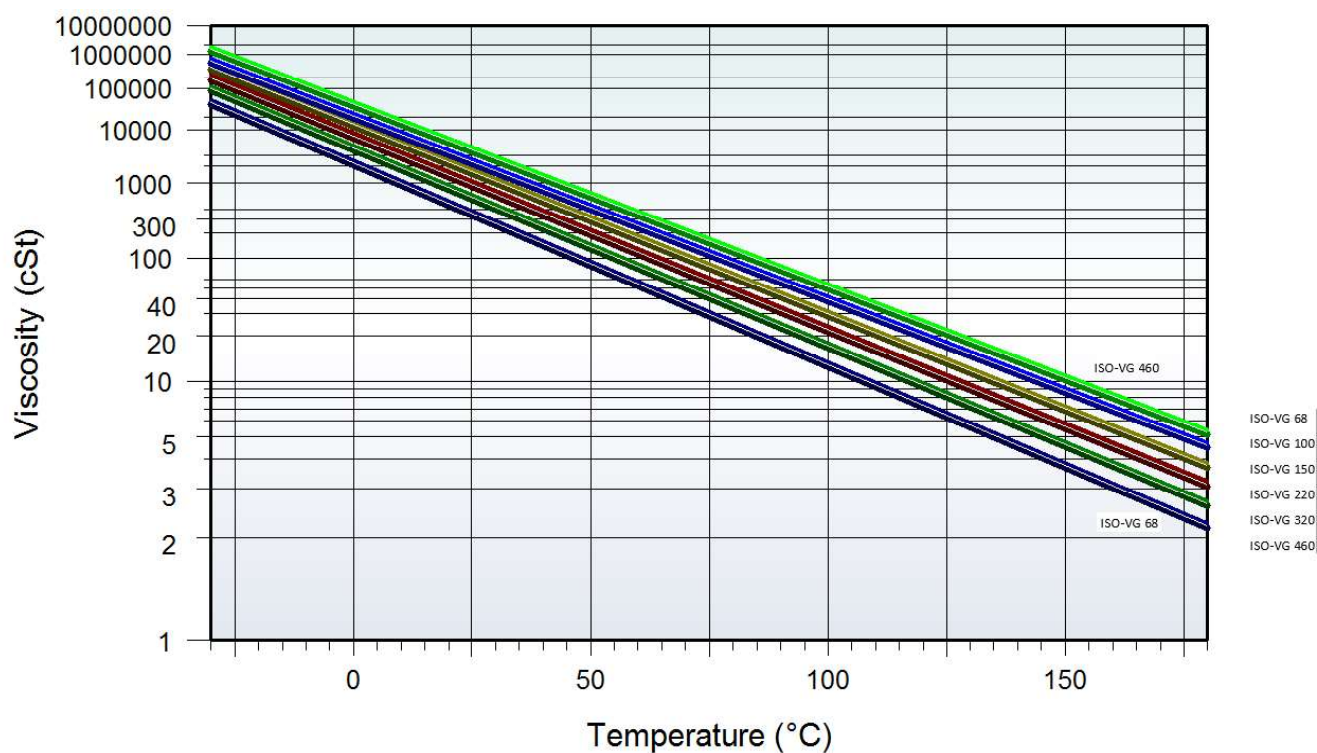
All performance data on this Technical Data Sheet are indicative only and can vary during production

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Viscosity chart

Gearmax



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