

# Alfagear

## 68/100/150/220/320/460/680

### Product Description

ALFAGEAR series are high quality gear lubricants specially designed for enclosed gears operating at high loads or high speeds.

ALFAGEAR lubricants are manufactured from high quality mineral base oils along with an additive package which provides extreme pressure, anti-wear, oxidation stability and excellent load carrying capacity properties.

### Performance Features

- Excellent high load and anti-wear performance
- Good oxidation and thermal stability
- Anti-rust and anti-foam properties
- Excellent corrosion protection of copper alloys

### Application

ALFAGEAR lubricating oils are recommended for all industrial transmission systems, heavy duty enclosed gears operating under severe conditions.

They are also suitable for lubricating bearings, couplings and rollers, where service conditions require an EP gear lubricant.

ALFAGEAR oils meet the following requirements:

**DIN 51517** part 3 CL-P

**U.S. STEEL 224**

**AGMA 9005-E02**

**DAVID BROWN S1.53.101**

### Typical Properties:

ISO grade	68	100	150	220	320	460	680	Method
Specific gravity at 15 <sup>o</sup> C, Kg/l	0.885	0.890	0.892	0.898	0.904	0.908	0.910	ASTM D-1298
Viscosity, Kinematic at 40 <sup>o</sup> C, cSt	68	100	150	220	320	460	680	ASTM D-445
Viscosity, Kinematic at 100 <sup>o</sup> C, cSt	8.60	10.75	14.75	18.80	24.05	30.65	41.20	ASTM D-445
Viscosity Index	98	96	96	96	95	95	90	ASTM D-2270
Pour Point, <sup>o</sup> C	-21	-18	-18	-15	-12	-12	-9	ASTM D-97
Flash Point COC, <sup>o</sup> C	215	220	225	240	240	245	255	ASTM D-92

**Note:**

The above information is indicative based on current production and does not constitute a specification. Results can be affected by allowable production tolerances, not affecting performance.