



JCHEM - 208

Technical Bulletin

GEAR OIL ADDITIVE

The scientifically designed heavy-duty industrial oil additive that can greatly transform ordinary industrial gear oil into a high-tech lubricating oil.

FEATURES AND BENEFITS

- Stabilize viscosity even at high operating temperature.
- Build-in friction modifier to reduce wear and tear.
- Oxidation inhibitors to reduce organic acids and oxy hydrocarbons formed during process of oxidation.
- Anti-corrosion and rust inhibitors to neutralize acids and which may accumulate due to vapour condensation
- Improve efficiency and save energy especially on older machineries.
- Smoother engaging of gears results in low noise level, easier cold start results in improve fuel economy and cooler running gear systems and extended gear and oil service life.

When oil is subjected to high temperature, ordinary oils suffer a drastic drop in viscosity. Hence, increase wear & tear & oxidation of oil takes place. **JCHEM-208** delivers superior full-time equipment protection where load, speed and heat conditions prevail.

TYPICAL APPLICATION

JCHEM-208 is a combination of a high molecular weight polymer in a selected mineral oil. It contributes significantly to lubricant retention, film thickness and surface adhesion especially in gear application.

RECOMMENDED DOSAGE

In general, treatment levels are from 5 to 8% volume but higher dosage of up to 10% may be appropriate in some special applications.

TYPICAL INSPECTION TESTS

Appearance	Amber Viscous Liquid
Relative Density at 15.5°C	0.89
Viscosity at 100°C	2850
Flash Point, °C (COC)	190