

GENERAL INFORMATION

CFL-20L is a gas control cement additive in liquid form that effectively controls gas migration in the temperature ranges of 80 F to 450 F. It prevents gas buildup on the surface, prevents inter-zonal communication and minimizes the need for costly repetitious remedial cementing.

PHYSICAL PROPERTIES

Flash point:	Above 450 F
Density:	9.76 lb/gal
Appearance:	Dark brown liquid
Absolute volume:	0.103 gal/lb
Solubility in water:	Water Soluble

CHEMICAL DESCRIPTION

CFL-20L is a modified polymer blend in an aqueous carrier.

LIMITATIONS

The use of CFL-20L is recommended at circulating temperatures from 80 F to 450 F. At temperatures higher than 220 F, the need for high temperature anti settling agents and retarders will be required to help with gas control design specifications.

RECOMMENDED USES

CFL-20L is a stable liquid polymer complex used to prevent gas or fluid migration from high pressure reservoirs into a cement column. This material also enhances fluid loss control and slurry dispersibility. For gas control, cement slurries containing CFL-20L must meet the following design specifications:

- Less than 50 mil/30 min fluid loss
- Zero free water
- A maximum pumping time equal to the pumping time plus a 30-min-to 1-hour safety factor
- A fast (right angle) set when tested on cement consistometer
- Recommended range 0.5 gal/sk to 1.0 gal/sk

PACKAGING

CFL-20L is furnished in 5-gallon pails, 55-gallon poly drums, or in bulk.

AVAILABILITY

CFL-20L are conveniently warehoused on the Gulf Coast, in Broussard, LA for quick and easy pickup or delivery 24 hours/day 365 days/year