

DESCRIPTION

SS-20 and **SS-21** are surfactant blends which are added to acids to help prevent the formation of sludge and emulsions during acidising treatments. Insoluble sludge deposits are formed by some crude oils when contacted with acid, and partial or even complete plugging of a producing zone may occur. Anti-sludge additives act as colloid stabilisers and function to prevent the coagulation of unstable colloidal material present in some crude oils.

APPLICATION

SS-20 is an anionic anti-sludge agent while **SS-21** is cationic. Both products can also perform as effective emulsion preventers. Loading levels of 1 to 2% are generally required.

PHYSICAL PROPERTIES

	<u>SS-20</u>	<u>SS-21</u>
Form	Brown liquid	Amber liquid
Specific Gravity at 60°F	0.99 - 1.0	0.88 - 0.96
Flash point, deg C (PMCC)	min. 13	min. 23
Pour point, deg C	less than -20	less than -20
Ionic Nature	Anionic	Cationic

PACKAGING

Supplied in 200L drums or 1000L IBC

ADDITIONAL INFORMATION

None