



TECHNICAL
INFORMATION
SHEET

ENZYME BREAKER LEB-10X

LEB-10X is a highly concentrated liquid enzyme breaker. It is a mixture of ethylene glycol, water, sugar, hemicellulase enzyme and a safe biocide for use as a water gel breaker. It is effective with both linear and cross-link fluids.

LEB-10X contains the industry standard hemicellulase enzyme breaker concentrate. It is standardized for 1 gallon (3.75 L) of liquid to equal 20 pounds (9.07 kg) of powdered breaker. Powdered breakers normally have 1,500 hemicellulase unit activity. Manufacturing is done to weight with quality control done on each batch using a 40-pound (18.14 kg) HPG gel system by recording Fann 35 viscosity with time.

Liquid enzyme breakers eliminate premix times and the dust normally associated with powdered breakers. They run continuously and are adjusted for concentration while pumping.

LEB-10X can be used in treatments up to temperature of 150 degrees Fahrenheit. Normal concentrations of LEB-10X are 5 ounces per 1,000 gallons of gelled fluid pumped.