



# OIL AID-WXA-40

## CROSSLINKER AIDE

### DESCRIPTION

OIL AID-WXA-40 is a crosslinker control chemical used to delay the fracture fluids crosslinking mechanism. Its properties are:

Form	Transparent liquid
Specific Gravity at 70° F	1.11
pH	7.3

### APPLICATION

OIL AID-WXA-40 is used as a crosslinker delay for fluid containing WG-40, 41, 49, 50, and crosslinkers WX-30 and 32.

This is a beneficial product when it is desired to pump a given frac fluid at reduced filtration pressures.

### RECOMMENDED TREATMENT

OIL AID-WXA-40 should be pilot tested with the proper concentrations of gelling agent crosslinker, and other additives prior to mixing on site. Normal concentrations are 0.2 - 1.0 gal of gel added on-the-fly. Crosslinking time delay is dependent on polymer concentrations, base gel pH, temperature and the type of crosslinker which is used. Fluid temperature is a critical factor. As temperature increases, the OIL AID-WXA-40 loading must also be increased to give the same length of delay. It is also necessary to have a minimum of 1-2% KCl or NaCl (BWOW) in the frac fluid for OIL AID WXA- 40 to function.

### HANDLING

Goggles and rubber gloves should be worn while handling OIL AID-WXA-40. May cause mild skin and eye irritation. In case of eye contact, flush with water for 15 minutes and call a physician. Wash exposed skin with soap and water. Wash clothing before reuse.

### PACKAGING

OIL AID-WXA-40 is packaged in 55-gal steel drums.

OIL AID-WXA-40 is a Messina trademark