FREE CALCULATOR

Diesel gel temperature and DEF freeze point

When diesel starts to cloud and gel, when diesel exhaust fluid (DEF) freezes, and a check of your coldest expected temperature against your fuel's cloud point.

CHART

Cold weather points

FLUID	°F	°C	WHAT HAPPENS
DEF (32.5% urea)	12	−11	freezes
Petroleum diesel, typical	about 17	about −8	starts to freeze (wax)
Petroleum diesel, typical	about −2 to 5	−19 to −15	gels
Biodiesel (B100)	36 to 59	2 to 15	starts to freeze

Free chart from fleetzap.com/tools/diesel-gel-and-def-freeze-chart