

THIS WINTER NEVER GET CAUGHT WITH FROZEN DIESEL FUEL



NEWLY ENHANCED **4+ POLAR MAX** FOR BIO BLENDED DIESEL

To keep up with legislation, we have re-formulated **4+ Polar Max** to have a better response to cold weather use of biodiesel blends

Test results show that the new **4+ Polar Max** formula is effective in biodiesel fuels. For example, the dataset below shows how treatment of a B20 biodiesel (containing soy methyl ester - SME) with Polar Max effectively reduced the fuel's CFPP with modest additive treat rates (300 – 500 ppmv)

CFPP DEPRESSION IN ULSD & B20 BIODIESEL (SME) WITH 4+ POLAR MAX

TREAT RATE (PPMV)	FUEL	CFPP (°C)	CFPP (°F)	CFPP Depression (°C)
300	ULSD	-30 °C	-22 °F	16 °C
500	ULSD	-31 °C	-23.8 °F	17 °C
300	B20	-24 °C	-11.2 °F	10 °C
500	B20	-29 °C	-20.2 °F	15 °C

IMPORTANT INSTRUCTIONS

- Polar Max may be continuously or batch-blended into diesel fuel.
- All low-temperature operability additives need to be applied BEFORE fuel is gelled
- Blend the additive with petroleum fuel oils at temperatures at least 10°F (-12C) above the cloud point of the fuel.
- Biodiesel blends must be blended at least 18°F (-8C) above the cloud point of the fuel.
- Ensure the additive is at or above the minimum handling temperature to avoid potential performance issues.
- Verify that the additive is completely dissolved into the fuel.