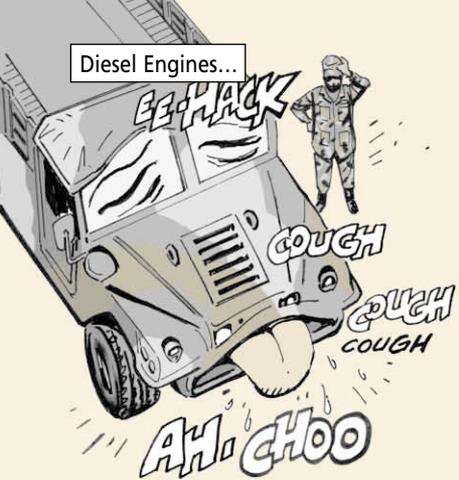


Diesel Engines...

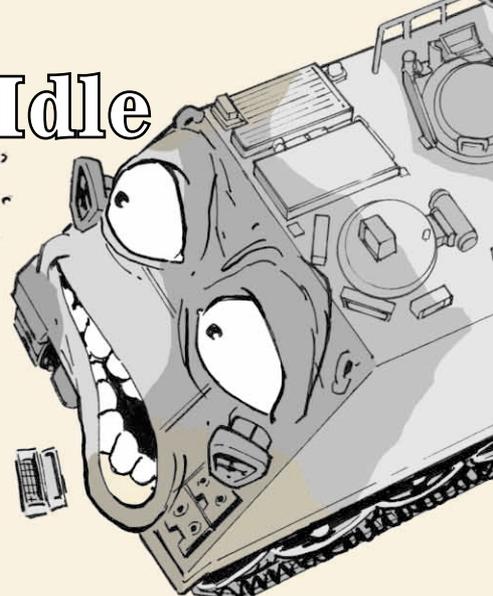


Stay Away from Low Idle



UGH!
I HOPE
THAT'S NOT
CATCHING

IT WON'T
BE IF OUR
DRIVERS
AVOID
LOW IDLE!



The engine on your combat or tactical vehicle doesn't like to run at low idle. It likes it even less when you start it up and shut it down time and again before it has a chance to heat up.

Diesel engines work best at normal operating temperatures. They run smoother and last longer.

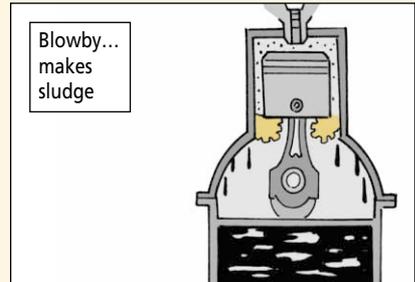
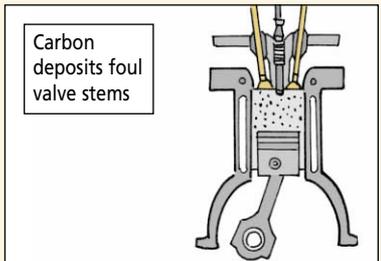
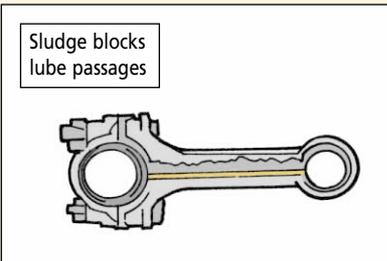
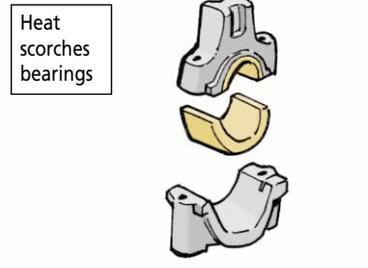
Here's what happens when you don't let the engine get to its normal operating temperature:

- Fuel and oil are not completely burned in the combustion chambers, leaving carbon deposits on the valve stems. Carbon hinders valve operation, resulting in burned valves and bent push rods.

- Condensation from normal engine breathing isn't boiled off. Instead, it and any unburned fuel slip around the pistons and into the crankcase. There they mix with oil to make acid and sludge.

- Acid and sludge break down engine oil. Poor lubrication burns up bearings.

- Sludge also blocks lube passages. Oil can't get through to do its job, so heat and friction tear up your engine.



High-speed idling prevents this kind of trouble. Always idle between 1,000 and 1,200 rpm. But don't idle the engine longer than 10 minutes to warm it up in the morning.



I WISH
MY DRIVER
HAD KNOWN
THAT!

