

FUEL HANDLING, STORAGE TIPS & RECOMMENDATIONS

BUY from a reputable supplier who can answer your application-specific questions.

USE fuel that meets or exceeds Caterpillar requirements for distillate diesel fuel.
See full guidelines

USE a properly designed and maintained bulk storage tank equipped with a quality filtration system. Series filtration is recommended.

FILTER fuel coming into bulk storage tank and at every subsequent transfer into and out of any container and prior to refilling the fuel tank through filters rated at 20 microns (μ) or less.

USE filter rated at 4 μ or less at the last dispensing stage into the engine fuel tank. Locate this filter downstream from any equipment that could shed debris into the system.

USE wire mesh media filters IF AND ONLY IF standard media filters (cellulose or synthetic) are downstream from the wire filters. Otherwise, wire mesh media filters are NOT recommended.

USE water separators or water coalescing units at filtration points.

TEST for microbial contamination regularly; take proper corrective action and dispose of waste according to regulations.

CONDUCT a complete analysis of bulk storage fuel at least every three months and take corrective action (treat, clean or replace fuel) as needed.

REMOVE water, debris and sediment from fuel storage tank weekly and before tank is refilled.

REMEMBER:

1. These guidelines are not all-inclusive. Discuss proper fuel safety, health, handling and maintenance practices with your fuel supplier.
2. Using these guidelines does not exempt you from your responsibility to follow all industry standards for fuel handling and storage.
3. Always follow applicable regulations and mandates when disposing of water, sediment or debris.
4. Use Cat[®] filters for optimal performance and protection of fuel system components.

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