ARCHOIL AR6300 WINTER DIESEL TREATMENT

TECH SHEET

PROVIDES ANTI-GEL PROTECTION TO DIESEL FUEL

AR6300 Winter Diesel Treatment is a highly concentrated fuel treatment which is added to every tank of diesel to protect against gelling, boost performance, ensure fuel quality and protect your fuel system. AR6300 promotes a more complete combustion which improves efficiency, power and response.



FEATURES

- Cold Filter Plugging Point Depressant Prevents diesel fuel from gelling and plugging the fuel filter
- Combustion Modifier Promotes complete combustion
- **Lubricant** Protects fuel pump and injectors from wear and failure, lubricates upper cylinder
- **Dispersant/detergent** Dissolves sludge, varnish and other fuel system deposits. Restores degraded fuel
- Stabilizer Enables extended fuel storage
- Corrosion Inhibitor Protects the fuel system from corrosion
- Demulsifier Helps separate water from diesel fuel



HELPS PREVENT DIESEL FUEL FROM GELLING

At low temperatures diesel fuel gels and can plug your fuel filter and prevent fuel from flowing to the engine. AR6300 Winter Diesel Treatment lowers the cold filter plugging point of diesel fuel which helps ensure fuel flows when you need it to.



MORE COMPLETE FUEL BURN

AR6300 will ensure a more complete fuel burn which improves fuel efficiency, power and response. A more complete fuel burn also means less soot/carbon emissions are produced which keeps the engine, turbo and emissions systems (EGR, DPF, catalytic converter etc.) free from excessive soot deposits and working at optimal efficiency. Reduced soot loading in the oil helps reduce engine wear and extend oil life.



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KEEPS DIESEL PARTICULATE FILTER CLEAN

Due to reduced soot emissions, vehicles equipped with a Diesel Particulate Filter (DPF) will benefit from reduced frequency and length of DPF regeneration, which results in a boost in power and fuel efficiency. When the DPF captures less soot, less fuel is used to burn off the deposits, and there is less efficiency reducing exhaust back pressure created. Using AR6300 in every tank of fuel will help prevent DPF failure caused by soot loading.



PROTECTS FUEL SYSTEM

Detergents will help keep your fuel system clean preventing the formation of power/economy robbing deposits and a lubricant will protect against wear in high pressure fuel systems. AR6300 will also combat corrosion as well as improve the effectiveness of water separators/filters equipped on diesel vehicles.

The ASTM D-975 Diesel fuel specification requires diesel fuel sold in the USA to produce a wear scar diameter no larger than 520 microns, while the Engine Manufacturers Association recommends diesel fuel to produce a wear scar diameter of no larger than 460 microns. This means fuel that meets ASTM D-975 may not be lubricious enough to meet the Engine Manufacturers Association's recommendation, and therefore may not provide adequate protection to modern high pressure diesel fuel systems. AR6300 will help protect high pressure diesel fuel systems from failure due to inadequate lubricity.



RESTORES/STABILIZES FUEL

AR6300 will maintain fuel stability, permitting long term fuel storage by preventing fuel from degrading and forming sludge and varnish which does not burn readily and can plug fuel filters and injectors if left untreated. A powerful dispersant will dissolve sludge and varnish allowing it to pass through your fuel system and burn completely. AR6200 is perfect for preventing issues with seasonal storage, including issues with ethanol fuels.



TREAT RATES

Add AR6300 Winter Diesel Treatment to your fuel tank at temperatures above 0°F to lower the Cold Filter Plugging Point of diesel fuel. If temperatures will fall below 5°F, use 3 oz per 10 gallons of diesel. Store this container above -5°F.

STORE AR6300 BELOW 122°F AND ABOVE -5°F

Treat Rate: 1.5 oz (45 ml) per 10 gallons

If temparatures will fall below 5°F: 3 oz (90 ml) per 10 gallons

