

# TC1

# BILUGAZOIL

ANTI-POLLUTION

## DIESEL FUEL TREATMENT

GAZOIL  
AND FUEL

→ TC1 gives "premium fuel" performances to a standard Heating or Diesel Fuel

[mecatech-performances.com](http://mecatech-performances.com)

→ EFFECTS

**TC1 Bilugazoil** improves engine and injection system durability and reduces maintenance cost. Reduces polluting emissions (smoke, particulates, carbon monoxide) and fuel consumption. Improves vehicle drivability and reduces noise level by about 2 dB. Avoids over flow due to foam build-up.

**Properties :** lubricant, detergent, combustion catalyst, Cetane improver, anti-oxidant, corrosion inhibitor, antifoam, demulsifier.

→ UTILISATION

Trucks, coaches, buses, public-work equipment, automobiles, 4X4, boats, generators... TC1 is compatible with all types of Diesel engines, Direct or indirect injection, with or without turbos and all kinds of catalytic converter.



DOSE  
ECO



**TC1** is effective in a broad range of Fuel (commercial Diesel Fuel, Heating oil, Diester mix up to 30 % in vegetable oil.

Available in 1 and 5 liters flask ; 30, 60 and 200 liters barrels and 1000 liters IBC

£ / L.

Your distributor



1, rue Marius BERLIET  
69720 St-Bonnet-de-Mure (Fr)

TT. 33 (0) 74 2 32 58 6 6 6

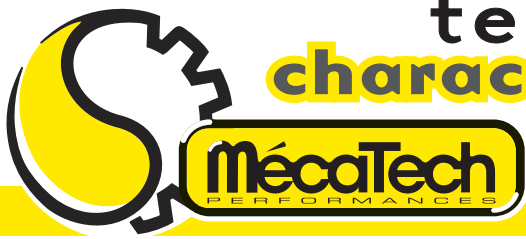
Reduce  
your fleet fuel  
consumption  
by 4 to 7 %



Available in  
**WINTER**  
Formula

**TC1 H**  
**BILUGAZOIL**

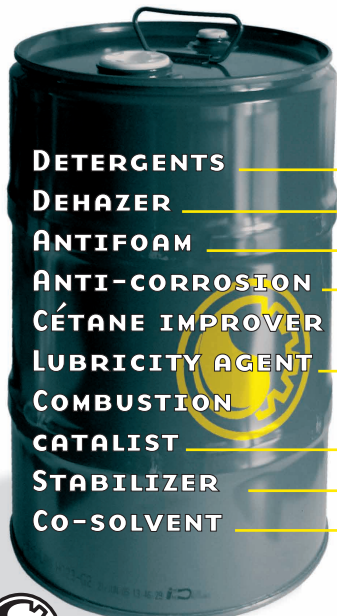
with  
supplementary  
protection  
against clogging  
at low temperature



# technical characteristics

# TC1 BILUGAZOIL

## COMPLETE HIGH PERFORMANCE TREATMENT FOR DIESEL FUEL



TC1 contient de nombreux additifs permettant d'améliorer les caractéristiques et les performances d'un carburant Diesel

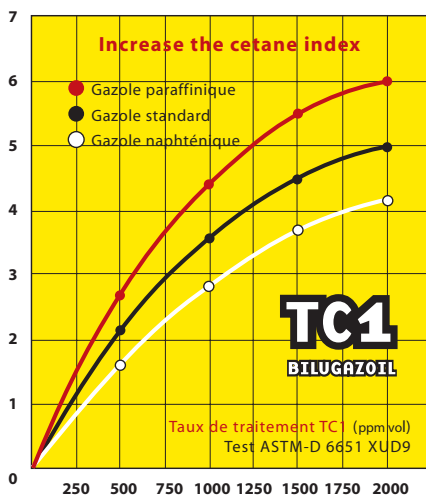
- DETERGENTS** — maintain or restore injectors cleanliness
- DEHAZER** — improves water/fuel separation
- ANTI-FOAM** — avoids foam buildup during tanks filling
- ANTI-CORROSION** — protects from corrosion and rust
- CÉTANE IMPROVER** — improved fuel auto-ignition
- LUBRICITY AGENT** — protects pump / injectors from wear and seizure
- COMBUSTION CATALIST** — improves fuel combustion / reduces pollution
- STABILIZER** — improves fuel stability and avoid deposits
- CO-SOLVENT** — allows perfect mixing and good dispersion



### ANTI-POLLUTION

## CHARACTERISTICS MEASUREMENTS ET RESULTS

TC1 is compatible with EN 590 Diesel Fuel standard. A Fuel out of EN590 specification can be made conform upon treatment thanks to the improvement on critical characteristics such as lubricity (HFRR test) or Cetane index.



|                             | Méthode                           | Gazole Vierge | Gazole traité avec TC1 BILUGAZOIL |
|-----------------------------|-----------------------------------|---------------|-----------------------------------|
| Masse volumique             | NF ISO EN 3675 Kg/m <sup>3</sup>  | 0.837         | 0.837                             |
| Viscosité à 40°C            | NF ISO EN 3104 mm <sup>2</sup> /s | 2.54          | 2.54                              |
| Indice Cétane mesuré        | NF M 07 035                       | 50            | 53                                |
| Caractère lubrifiant (HFRR) | NF EN ISO 12156                   | 545µm         | 324µm                             |
| Insolubles totaux           | ASTM-D2274                        | 6.5 mg/100ml  | 0.4 mg/100ml                      |

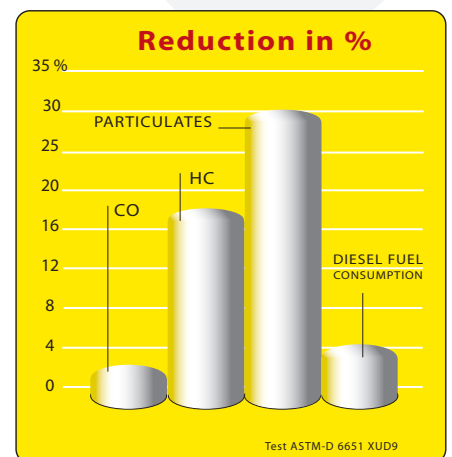


TRAITEMENT FLOTTE VEHICULES

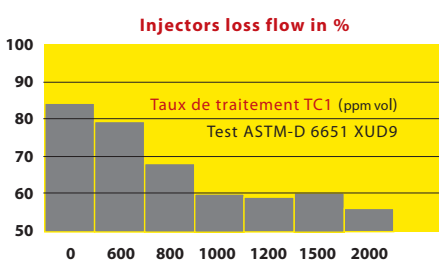
**TC1 BILUGAZOIL** gives "premium fuel" performances to a standard Heating or Diesel Fuel

## REDUCTION POLLUTION/CONSUMMATION

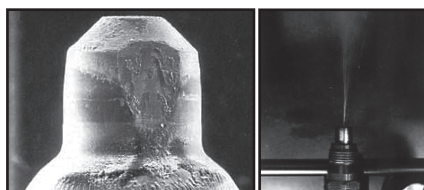
The results are expressed in terms of relative reduction of exhaust emissions with the **TC1** treated Diesel fuel compared to the evolution observed with the untreated fuel.



## OPTIMUM INJECTORS PULVERISATION

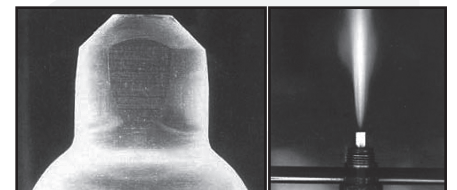


### CLOGGED INJECTORS



Pulvérisation inefficace

### CLEAN INJECTORS



Maximize performance engine

By keeping the injectors close to design conditions with the highly efficient treated Diesel fuel, the increase of exhaust emissions upon use can be minimized or even eliminated on some vehicles. Unburnt hydrocarbons and particulates are reduced by almost 30 %.