



## Diesel combustion catalyst

Product details Diesel combustion catalyst

Trade name DCC-1020

### 1. Application

The product DCC-1020 is suitable for the ignition & start-up and low load stable combustion of power station boilers that use diesel as fuel; industrial stoves of steel mill, ceramic factory, refractory material factories that mainly depend on fuel oil; and all types of internal-combustion engines in locomotives, power generator assembly, train, ships etc.

### 2. Main Ingredients

The DCC-1020 mainly contains catalysis combustion improver, ash content changer, detergent dispersant, sediment dispersant, water separating agent and extreme pressure (EP) additives for lubricant etc.

### 3. Technical Function

- Using DCC-1020 catalysis and combustion improver, the product helps to increase the sufficiency of burning fuel, this saves more oil and increases economic profit with an oil saving rate of as high as 10% – 20%.
- After using the DCC-1020, the ignition point within the furnace is further concentrated with a significantly increased brightness. This greatly improves the power performance of the engine with faster start-up, increases horsepower and accelerates the speed. The improvement of engine start-up performance is especially useful in cold regions.
- The overall performance of this DCC-1020 is excellent, providing high-efficiency cleaning and lubricating with high pressure to engines and oil spray guns as well as helping to remove carbon built-up; using the product to reduce friction wear and tear, increasing the life span and cutting down repair works on the equipment.
- The chimney and engine exhaust will be reduced by 40% due to sufficiently combustion, thus alleviating environmental pollution significantly.
- As a neutral additive, this DCC-1020 does not have any erosion effect on any part of the fuel system or the spray guns; it even helps to reduce the erosion caused by lower grade fuel to the machine.

### 4. How to use the product

- The product is excellently oil-soluble, and there is no need for stirring when adding the DCC-1020, mix at a ratio of 1000:2 (For every ton of diesel, add 2 kilos of DCC-1020 diesel combustion catalyst) will be sufficient.
- For large locomotives and oil tanks, it is recommended to add the DCC-1020 before adding oil. If the diesel combustion catalyst is added afterwards, wait half an hour before operation for the catalyst to dissolve.
- For locomotives with severe carbon build-up, a moderate increase of the DCC-1020 is recommended for first-time use.

### 5. Note

- The DCC-1020 is not inflammable or explosive, but it is to be treated as inflammable commodity during transportation.
- Store away from fire and direct exposure to sun.
- The DCC-1020 product Shelf life time is for 2 years after the date of manufacture.