

## 86.02

### 86.02 - Other rail locomotives; locomotive tenders.

8602.10 - Diesel-electric locomotives

8602.90 - Other

#### (A) LOCOMOTIVES

This group covers all types of rail locomotives **other than** those powered from an external source of electricity or by electric accumulators (**heading 86.01**) whatever the type of power unit (steam engine, diesel engine, gas turbine, petrol engine, pneumatic power engine, etc).

These include :

- (1) **Diesel locomotives** which are of three types :
  - (a) **Diesel-electric locomotives** in which the diesel engine drives a generator to produce electricity which in turn powers traction motors driving the wheels.
  - (b) **Diesel-hydraulic locomotives** in which power from a diesel engine is transmitted to the wheels using a hydraulic system.
  - (c) **Diesel-mechanical locomotives** where power from the diesel engine reaches the wheels through a clutch or fluid flywheel and gear box.
- (2) **Steam locomotives** of all types, including turbine locomotives using an electric drive, tank locomotives and fireless locomotives, i.e., those fitted with a steam reservoir instead of a boiler which is charged from an industrial plant.

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The heading includes certain locomotives of moderate power which are not equipped with bogies and are usually fitted with only two driving axles. They are mainly used in stations for moving wagons and by industrial facilities connected with railways.

#### (B) LOCOMOTIVE TENDERS

Locomotive tenders are vehicles, coupled to steam locomotives, which carry the water and fuel required for the boiler. They consist essentially of a frame carried on two or more axles and a sheet metal superstructure comprising a closed tank for water and a coal bunker or fuel-oil tank.

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Tractors constructed to travel on both road and rail are **excluded** (**heading 87.01**).