

NOTE

This leaflet forms part of a set which also includes :

Leaflet 623 - Rules for Diesel engines for traction.

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0 - SCOPE

1 - FUEL RANGE

1.1 - For motor equipment

1.2 - For individual heating installations

2 - WATER RANGE FOR STOCK FITTED WITH HEATING BOILERS

3 - SAND RANGE

*** 0 - SCOPE**

These regulations apply to powered stock with internal combustion engines to be built for use in international traffic.

*** 1 - FUEL RANGE**

1.1 - The fuel range for powered stock must not be less than :

- 500 km for stock with a total installed service output of 370 kW or less (see definition in UIC Leaflet 623).
- 1000 km for stock with a total installed service output of more than 370 kW (see definition in UIC Leaflet 623).

The above values are relevant for operation under conditions of average difficulty.

1.2 - The fuel range for individual heating installations (steam, electric or air systems) must be sufficient to allow continuous running for 12 hours at the rated output. This fuel volume must be added to the quantities mentioned under 1.1.

*** 2 - WATER RANGE FOR STOCK FITTED
WITH HEATING BOILERS**

The water range of a heating boiler must be sufficient to allow continuous running for three hours at its rated output.

3 - SAND RANGE

The sand supply must be equal to the fuel supply for powered stock, as indicated in point 1.1.

APPLICATION

As from 1 July 1980 for obligatory provisions.

All Railways in the Union.

RECORD REFERENCES

Headings under which the question has been dealt with :

- Determination of the conditions with which diesel railcars and train sets must comply to be accepted for international traffic.

(5th Committee - Di. - Paris, June 1957).

- Revision of Leaflet 627-1 «Minimum operating range of tractive stock with internal combustion engines».

(5th Committee - Di. - Paris, June 1977).

- Question 5/B/FIC - «Approval of the new version of Leaflet 627-1.
(Traction and Rolling Stock Committee : Paris, June 1979).

- Examination of observations made on draft Leaflet 627-1.

(Working Party for Diesel Traction : Paris, January 1980).