

ALCO

ALCO
1370/1215 CV
SERIES B-14 (1350/1200 HP)
DIESEL-ELECTRIC
LOCOMOTIVE

GENERAL SPECIFICATION DL-536

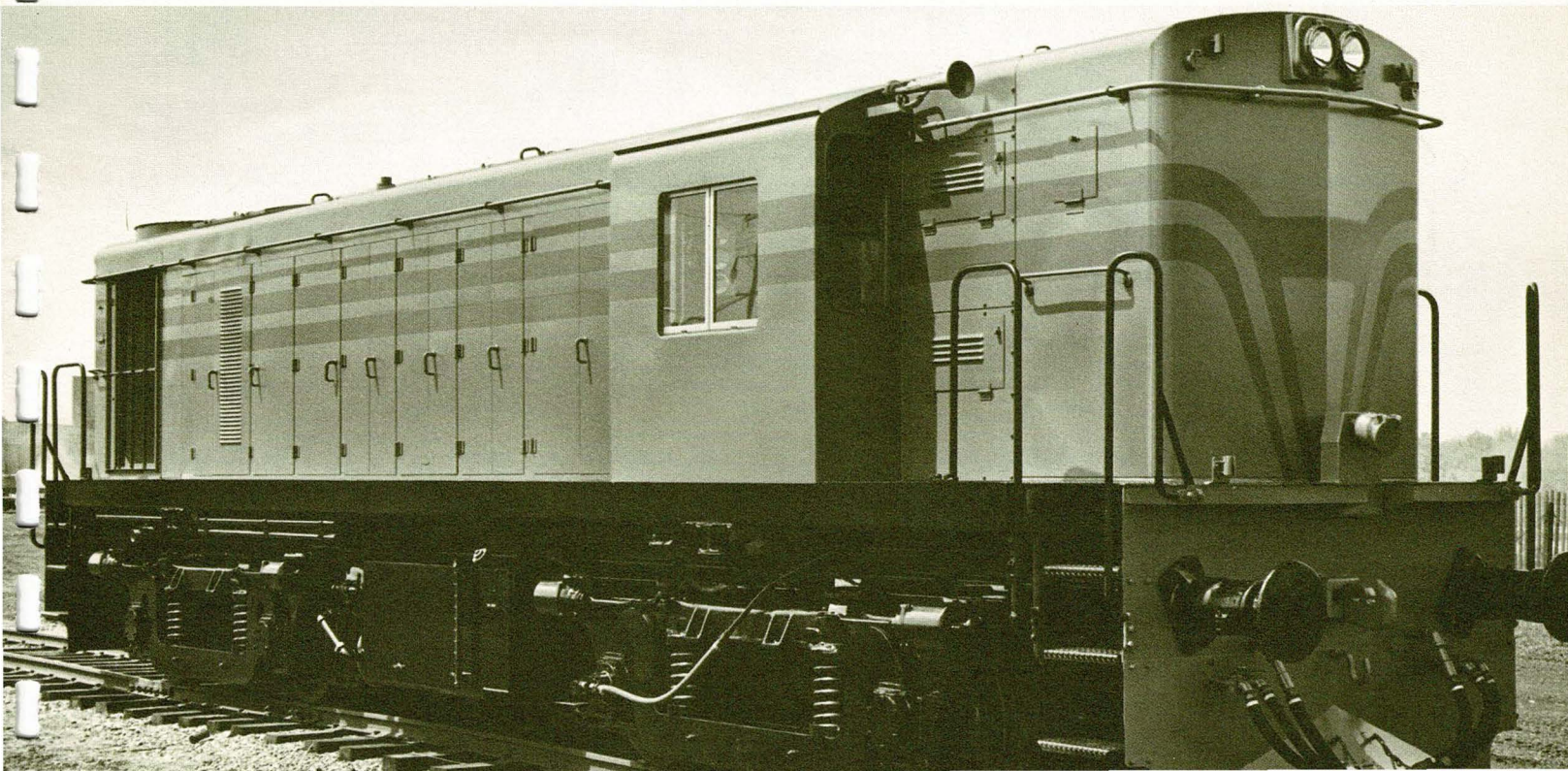
WITH 1215 CV NET INPUT TO THE GENERATOR

ALCO
1065/965 CV
SERIES B-11 (1050/950 HP)
DIESEL-ELECTRIC
LOCOMOTIVE

GENERAL SPECIFICATION DL-532

WITH 965 CV NET INPUT TO THE GENERATOR

ALL PURPOSE FOUR MOTOR STANDARD EXPORT
DIESEL-ELECTRIC LOCOMOTIVES



ALCO

1370/1215 CV

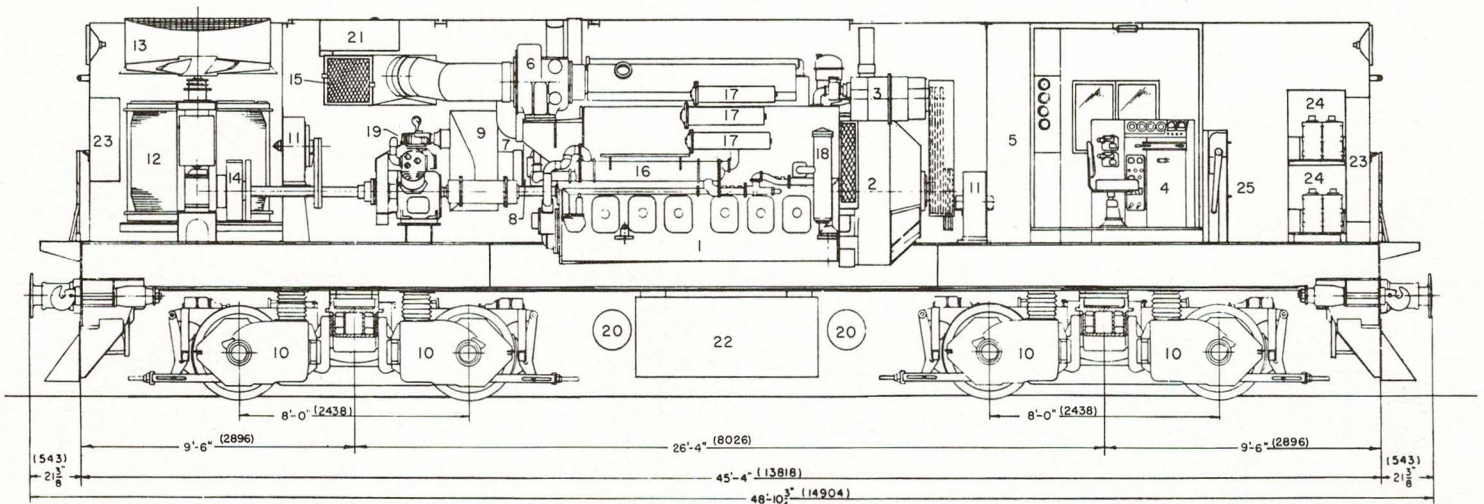
SERIES B-14 (1350/1200 HP)

DIESEL-ELECTRIC LOCOMOTIVE

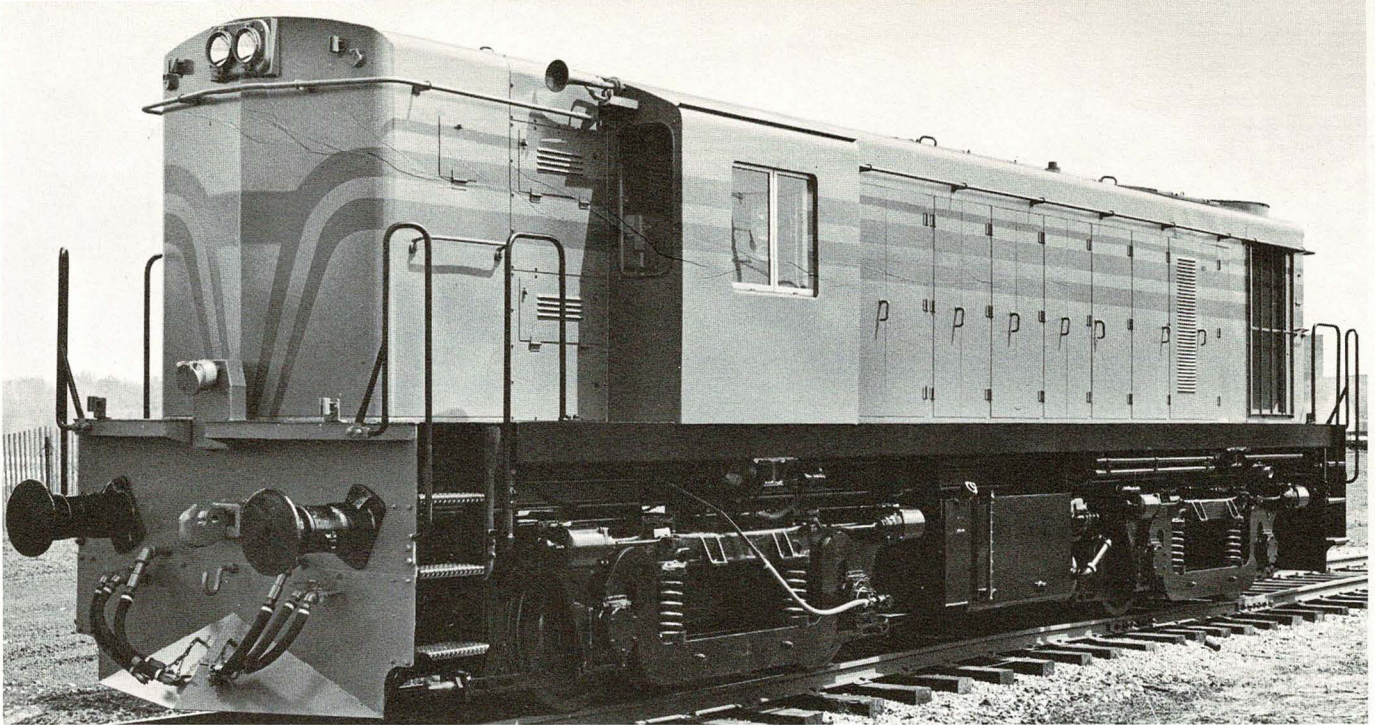
DL-536 General Characteristics

- For mainline, branchline and transfer duties, where axle loads from 15,65 metric tons (34,500 lbs.) are permissible.
- Dynamic brake can be applied.
- Steam generator for train heating can be applied.

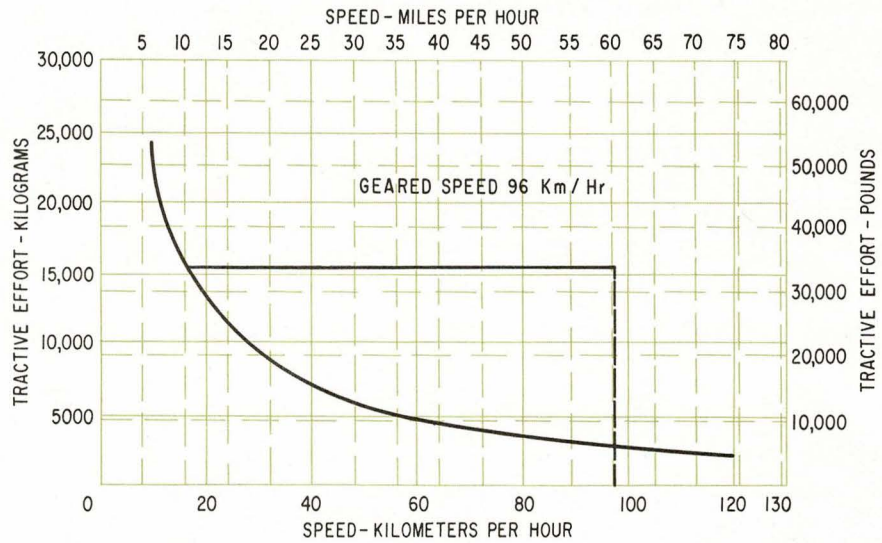
Diesel Engine: ALCO 6-251-D 1370/1215 CV (1350/1200 HP)
Wheel Arrangement: Bo-Bo
Principal Dimensions:
 Height (maximum): 3870 mm (12'8 $\frac{3}{8}$ "")
 Width (maximum): 2915 mm (9'6 $\frac{3}{4}$ "")
 Length (over frame): 13818 mm (45'4"")
Basic Locomotive Weight: 68 000 Kg. (150,000 lbs.)
Axle Load Basic: 17 000 Kg. (37,500 lbs.)
Wheel Diameter Basic: 914 mm (36"")
Fuel Oil Capacity Basic: 2 270 l. (600 U.S. Gallons); (500 Imp. Gallons)
Multi-Gauge Traction Motors from meter gauge upwards



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|--------------------------------|-------------------------------|------------------------------|-----------------------|
| 1. Engine | 8. Aftercooler Blower | 14. Radiator Fan Clutch | 20. Main Reservoir |
| 2. Main Generator | 9. Aftercooler Blower Filters | 15. Air Filters | 21. Engine Water Tank |
| 3. Exciter-Auxiliary Generator | 10. Traction Motor | 16. Lubricating Oil Cooler | 22. Fuel Tank |
| 4. Control Stand | 11. Traction Motor Blower | 17. Lubricating Oil Filter | 23. Sand Box |
| 5. Control Compartment | 12. Radiator | 18. Lubricating Oil Strainer | 24. Batteries |
| 6. Turbosupercharger | 13. Radiator Fan | 19. Air Compressor | 25. Hand Brake |
| 7. Aftercooler | | | |

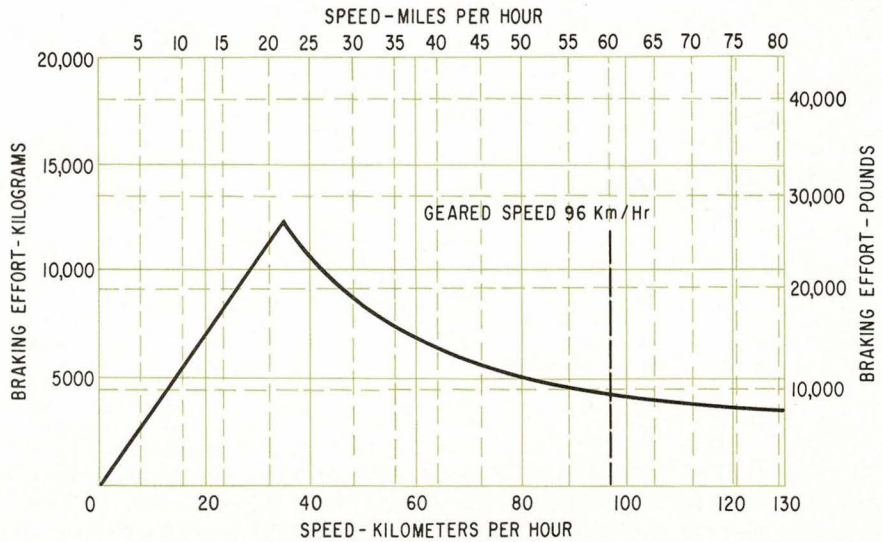


TRACTIVE EFFORT



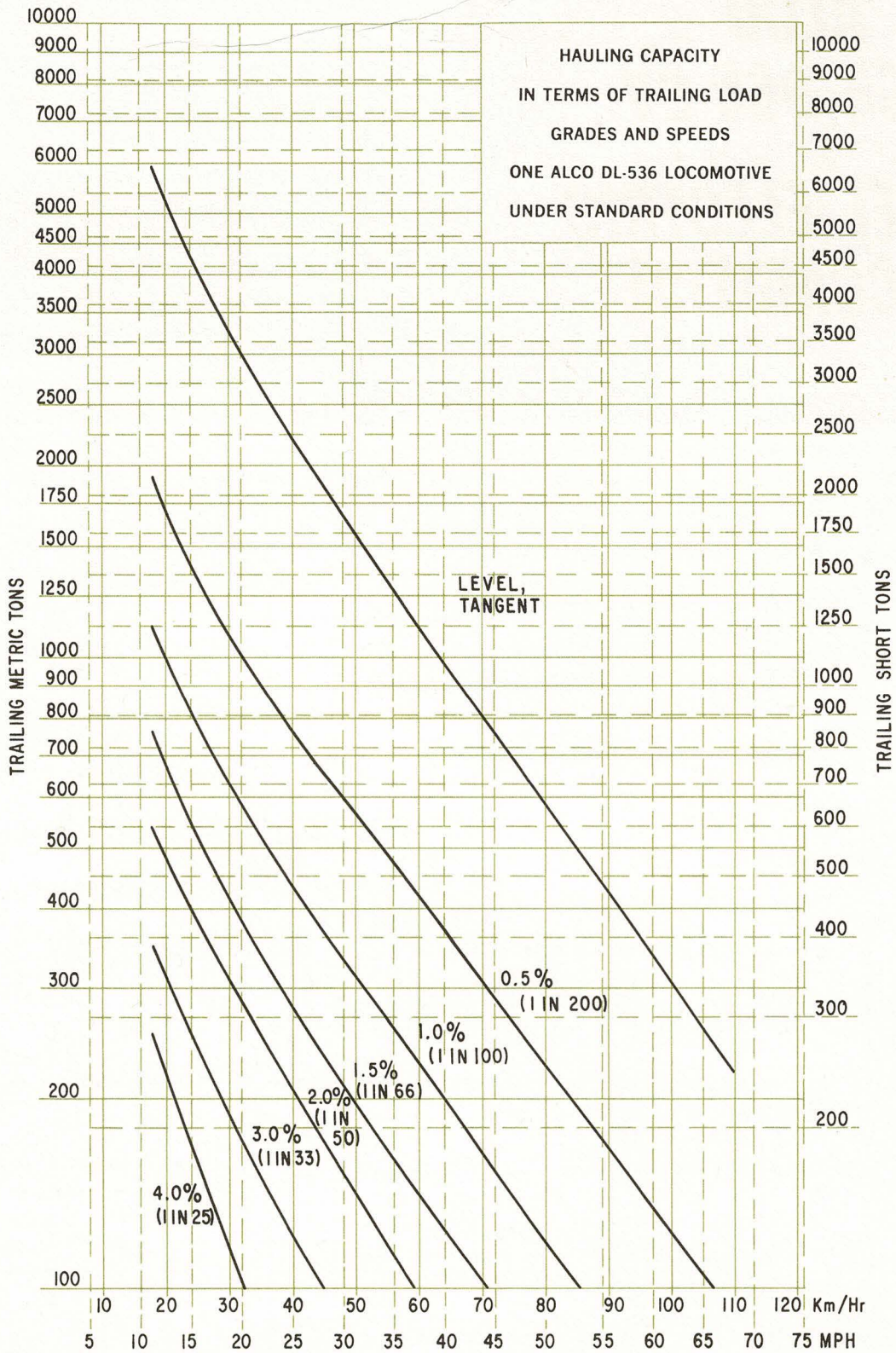
Tractive Effort Characteristics with 914 mm (36") Wheels and Basic 94:17 Gearing.

BRAKING EFFORT



Braking Effort Characteristics with 914 mm (36") Wheels and Basic 94:17 Gearing.

TONNAGE RATING



NOTE: The hauling capacity shown above is for 4 axle 35 metric ton freight wagons, in good condition, and has been calculated by Davis' formula, for standard conditions: Sea level, 736 mm. Hg. (29"), 16° C. intake temperature (60° F.) and fuel of 10 850 Cal./Kg.* (19,500 BTU/lb.*) meeting ASTM 2-D specification.

*Higher calorific value

ALCO

1065/965 CV

SERIES B-11 (1050/950 HP)

DIESEL-ELECTRIC LOCOMOTIVE

- For mainline, branchline and transfer duties, where axle loads from 15,65 metric tons (34,500 lbs.) are permissible.
- Dynamic brake can be applied.
- Steam generator for train heating can be applied.

DL-532 General Characteristics

Diesel Engine: ALCO 6-251-B 1065/965 CV (1050/950 HP)

Wheel Arrangement: Bo-Bo

Principal Dimensions:

Height (maximum): 3658 mm (12'0")

Width (maximum): 2743 mm (9'0")

Length (over frame): 12802 mm (42'0")

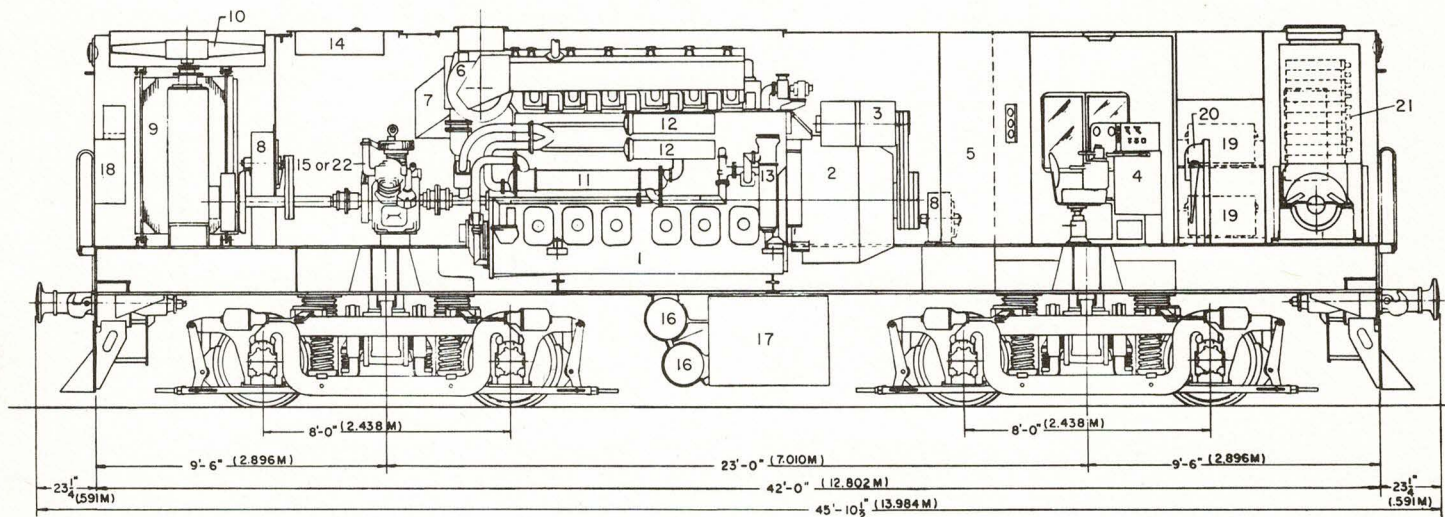
Basic Locomotive Weight: 62 600 Kg. (138,000 lbs.)

Axle Load Basic: 15 650 Kg. (34,500 lbs.)

Wheel Diameter Basic: 914 mm (36")

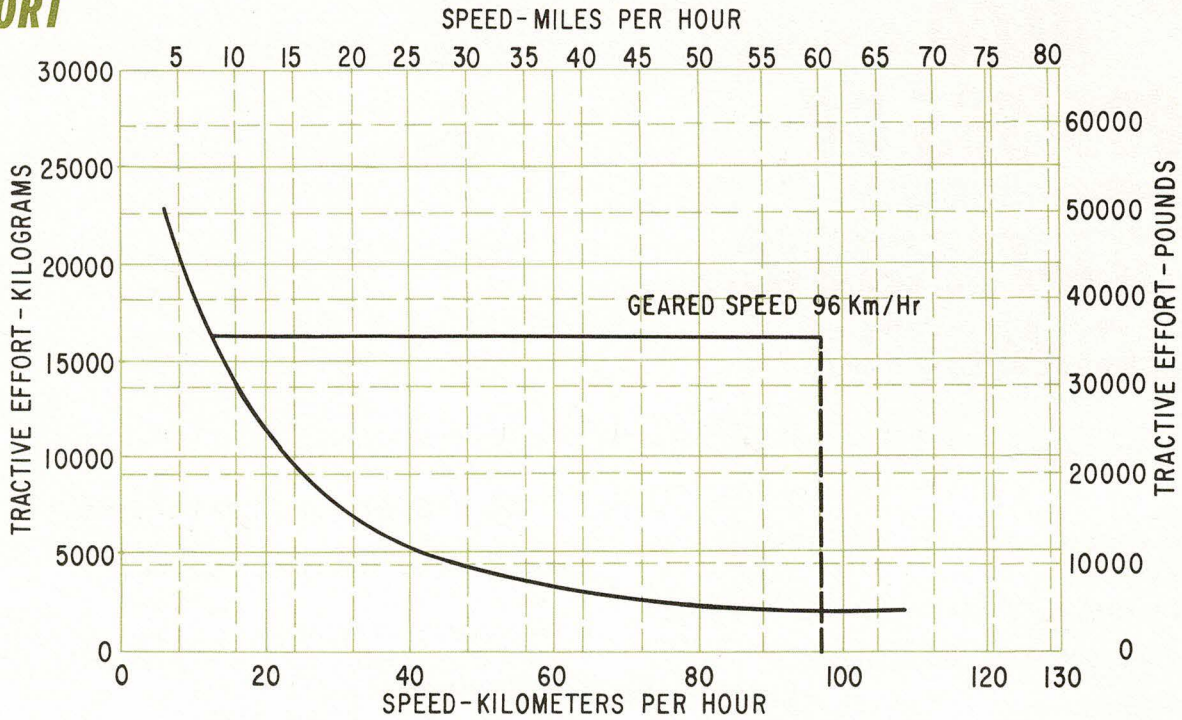
Fuel Oil Capacity Basic: 2 270 l. (600 U.S. Gallons); (500 Imp. Gallons)

Multi-Gauge Traction Motors from meter gauge upwards.



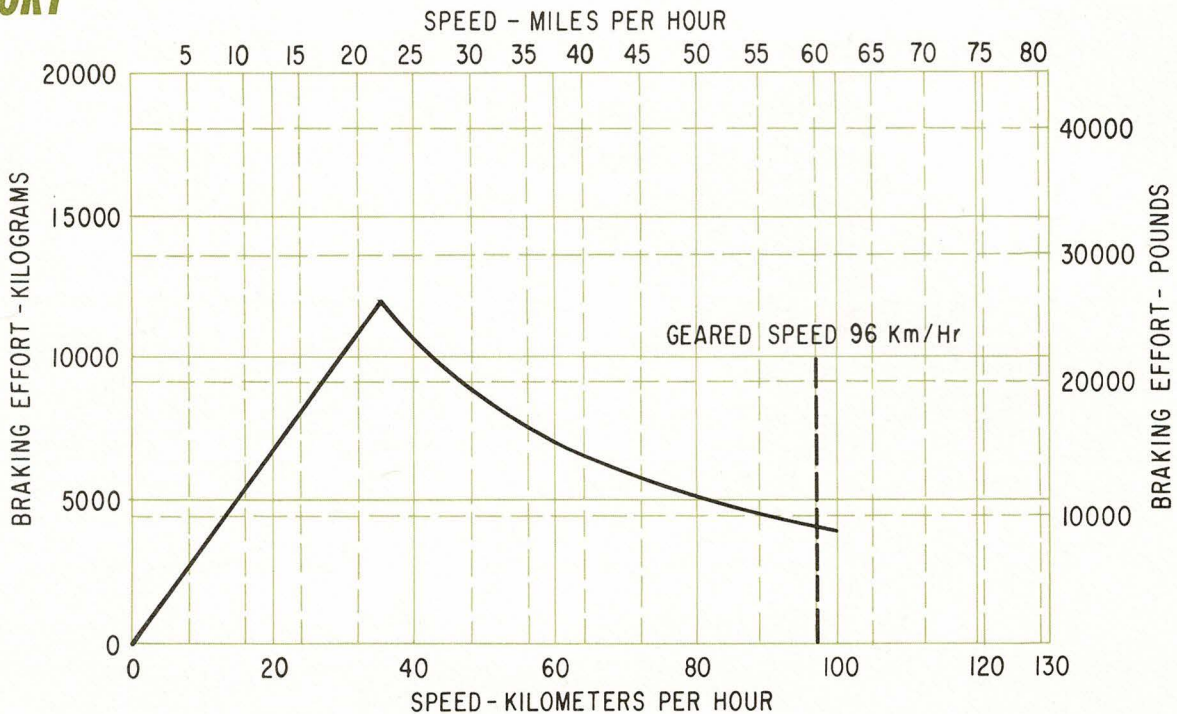
- | | | | |
|--------------------------------|------------------------------|------------------------------|--------------------------|
| 1. Engine | 7. Turbosupercharger Filters | 13. Lubricating Oil Strainer | 18. Sand Box |
| 2. Main Generator | 8. Traction Motor Blower | 14. Engine Water Tank | 19. Batteries |
| 3. Exciter-Auxiliary Generator | 9. Radiators | 15. Air Compressor | 20. Hand Brake |
| 4. Control Stand | 10. Radiator Fan | 16. Main Air Reservoir | 21. Dynamic Brake |
| 5. Control Compartment | 11. Lubricating Oil Cooler | 17. Fuel Tank | 22. Compressor-Exhauster |
| 6. Turbosupercharger | 12. Lubricating Oil Filters | | |

TRACTIVE EFFORT



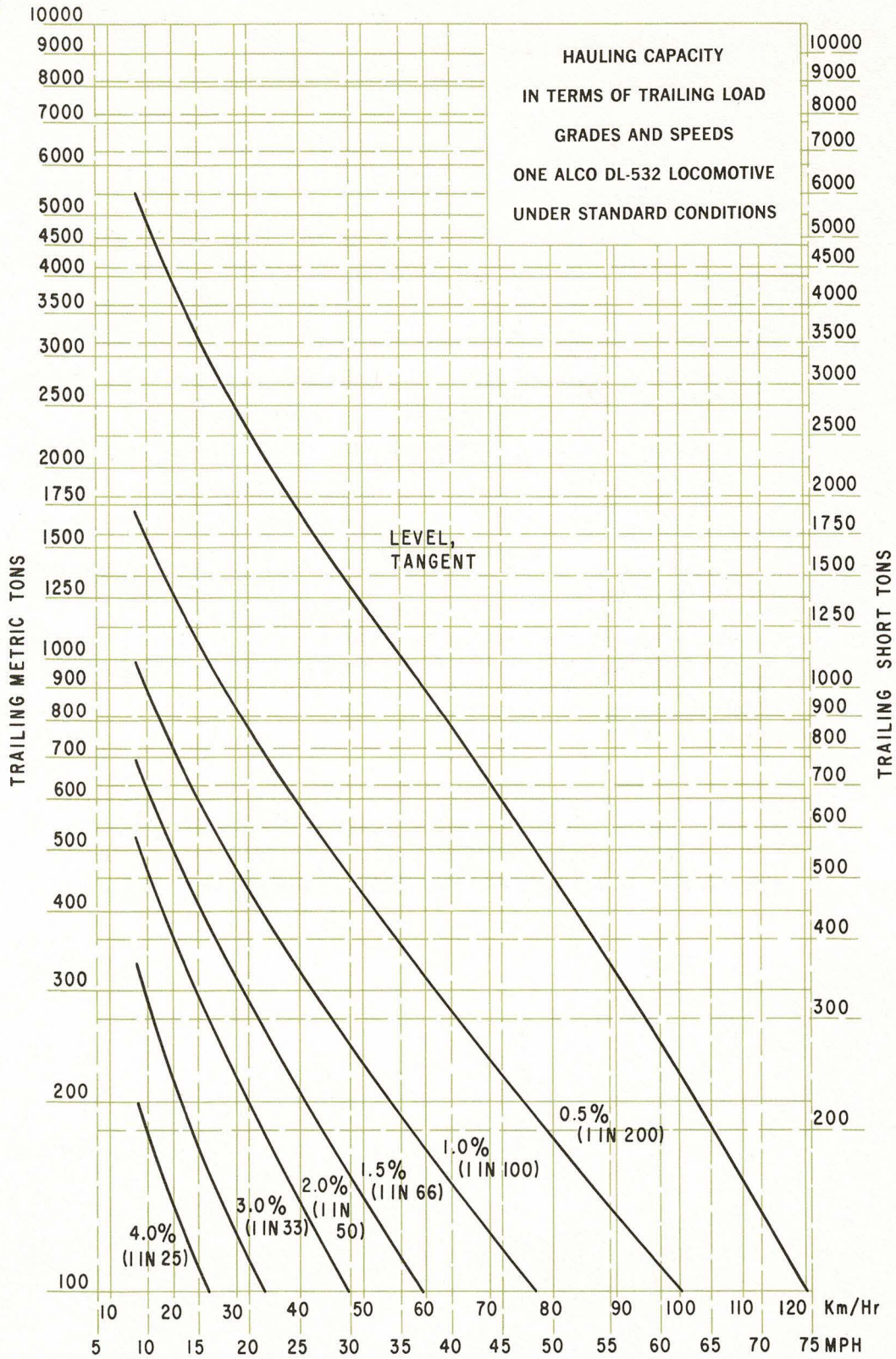
Tractive Effort Characteristics with 914 mm (36") Wheels and Basic 94:17 Gearing.

BRAKING EFFORT



Braking Effort Characteristics with 914 mm (36") Wheels and Basic 94:17 Gearing.

TONNAGE RATING



NOTE: The hauling capacity shown above is for 4 axle 35 metric ton freight wagons, in good condition, and has been calculated by Davis' formula, for standard conditions: Sea level, 736 mm. Hg. (29"), 16° C. intake temperature (60° F.) and fuel of 10 850 Cal./Kg.* (19,500 BTU/lb.*) meeting ASTM 2-D specification.

*Higher calorific value

**FOREIGN
ASSOCIATES
AND
LICENSEES**

Australia: A. E. Goodwin, Ltd., Sydney N.S.W., Australia
Canada: Montreal Locomotive Works, Montreal, Quebec
England: A. E. I. (Associated Electrical Industries), Manchester, England
France: Forges et Chantiers de la Méditerranée, Paris, France
India: Diesel Locomotive Works, Varanasi, U.P., India
Spain: Cia. Euskalduna, Madrid, Spain



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