NCST real world brake activity of heavy-duty vehicles Dataset

Datasets available at: https://doi.org/10.6086/D14H5C

(This dataset supports report **Real World Brake Activity of Heavy-Duty Vehicles,** https://doi.org/10.7922/G2MS3R2Z)

This U.S. Department of Transportation-funded dataset is preserved by the University of California in the digital repository Dryad (https://datadryad.org/), and is available at https://doi.org/10.6086/D14H5C

The related final report **Real World Brake Activity of Heavy-Duty Vehicles**, is available from the National Transportation Library's Digital Repository at https://rosap.ntl.bts.gov/view/dot/59105.

Metadata from the Dryad Repository record:

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Abstract: This study uses a heavy-duty test vehicle to investigate the braking activity of HDVs. Brake parameters such as brake fluid pressure and brake temperature were measured along with the brake activity so that the brake activity can be characterized along with brake parameters. Ambient temperature, location, and speed were also measured. Testing was done by using simulated driving in a chassis dynanometer as well as real-world on road tests.

Recommended Citation:

Lopez Reyna, Brenda (2022), NCST real world brake activity of heavy-duty vehicles, Dryad, Dataset, https://doi.org/10.6086/D14H5C

Dataset description:

This dataset contains 1 .zip file collection below.

doi_10.6086_D14H5C__v5.zip:

- 1C152217.csv
- 1C152229.csv
- 1C152305.csv
- 1C161614.csv
- 1C161734.csv
- 2021021505_1905.csv
- 2021021518_2217.csv
- 2021021530_2229.csv
- 2021021621_2305.csv
- DATA23_Warm_Up_Test.CSV
- DATA24_Warm_Up_Test.CSV
- DATA25_Warm_Up_Test.CSV

- DATA26.CSV
- DATA27.CSV
- DATA28.CSV
- DATA29.CSV
- DATA30.CSV
- DATA31.CSV
- DATA32_CBD_Cycle_Warm_Up.CSV
- DATA33_CBDx3.CSV
- DATA34.CSV
- DATA35_UDDSx3.CSV
- DATA36.CSV
- DATA37.CSV
- DATA38.CSV
- DATA39.CSV
- DATA40.CSV
- DATA41.CSV
- DATA42.CSV
- DATA43.CSV
- Lopez_DATASET_Readme.txt

File Type Descriptions:

- The .csv, Comma Separated Value, file is a simple format that is designed for a database table and supported by many applications. The .csv file is often used for moving tabular data between two different computer programs, due to its open format. The most common software used to open .csv files are Microsoft Excel and RecordEditor, (for more information on .csv files and software, please visit https://www.file-extensions.org/csv-file-extension).
- The .txt file type is a common text file, which can be opened with a basic text editor. The most common software used to open .txt files are Microsoft Windows Notepad, Sublime Text, Atom, and TextEdit (for more information on .txt files and software, please visit https://www.file-extensions.org/txt-file-extension).

National Transportation Library (NTL) Curation Note:
As this dataset is preserved in a repository outside U.S. DOT control, as allowed by the U.S. DOT's Public Access Plan (https://doi.org/10.21949/1503647) Section 7.4.2 Data, the NTL staff has performed ***NO*** additional curation actions on this dataset. NTL staff last accessed this dataset at https://doi.org/10.6086/D14H5C on 2022-05-17. If, in the future, you have trouble accessing this dataset at the host repository, please email NTLDataCurator@dot.gov describing your problem. NTL staff will do its best to assist you at that time.