



**WEBDISPEČINK
NEWS**

10/2020

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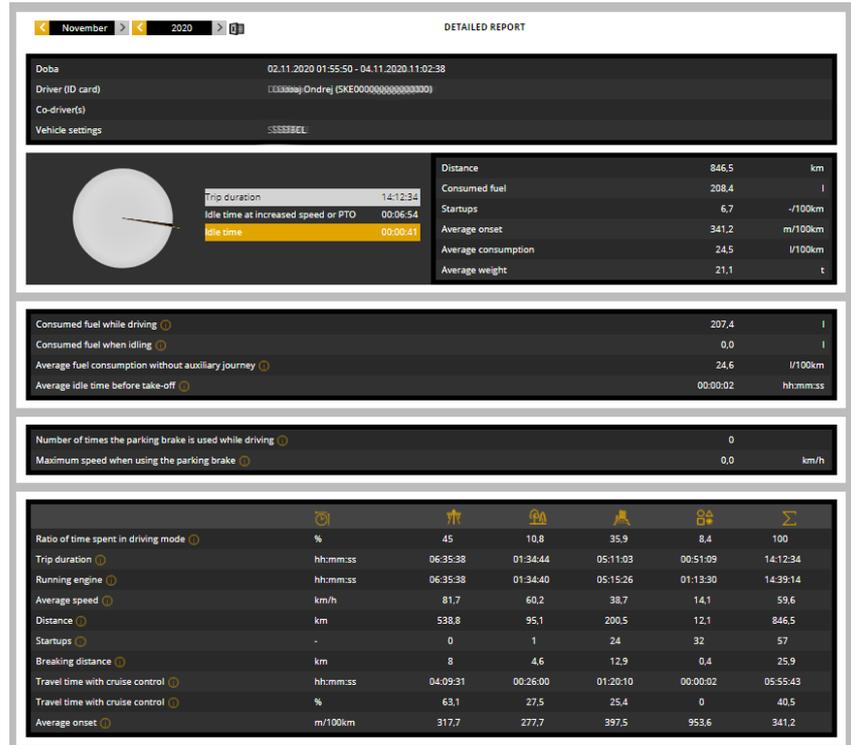


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Driving style of drivers in trucks

Reduce vehicle consumption and wear by evaluating the driver's driving style in trucks. In the Webdispatching system, the PERFECT DRIVE module deals with this evaluation.



Driving style of drivers in trucks



We have developed an assessment of drivers' driving style, which is based on monitoring vehicle control parameters: engine speed, how often the service and engine brakes are engaged, foresight, vehicle speed, coasting, cruise control and pressing the accelerator pedal. It enables a fair assessment of which drivers are handling their vehicles the best.

| | 🇧🇪 | 🇩🇪 | 🇫🇷 | 🇮🇹 | 🇪🇸 | |
|--|------------|----------|----------|----------|----------|----------|
| Average consumption | l/100km | 24,1 | 24,5 | 24,8 | 30,4 | 24,5 |
| Maximum thrust speed | rpm | 1 287 | 1 351 | 1 335 | 1 281 | 1 351 |
| Engine running with no consumption * EcoRoll | minutes | 01:01:28 | 00:35:13 | 01:30:38 | 00:12:31 | 03:17:50 |
| % of total travel time | | 15,5 | 35,1 | 25,1 | 24,5 | 23,2 |
| Constant accelerator pedal time + cruise control in driving mode | minutes | 01:01:01 | 00:25:43 | 01:26:02 | 00:24:33 | 09:19:02 |
| % of the total active motor time | | 80 | 54,5 | 52,7 | 33,4 | 63,6 |
| Tandem travel time at >= 85 km / h | minutes | 00:00:27 | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:27 |
| % of the total active motor time | | 0,1 | 0 | 0 | 0 | 0,1 |
| Time over max. Effective speed | minutes | 00:00:00 | 00:00:01 | 00:00:15 | 00:00:02 | 00:00:18 |
| % of the total active motor time | | 0 | 0 | 0,1 | 0 | 0 |
| Driver's foresight | minutes | 00:00:25 | 00:07:50 | 00:01:42 | 00:03:45 | 00:03:25 |
| Consumption when standing at increased speed | l | 0 | 0 | 0 | 0,1 | 0,1 |
| Accelerator pedal depressed with cruise control active | minutes | 00:00:26 | 00:00:04 | 00:00:05 | 00:00:00 | 00:00:35 |
| % of the total active motor time | | 0,1 | 0,1 | 0 | 0 | 0,1 |
| Travel time using Kickdown | minutes | 00:00:00 | 00:00:00 | 00:00:00 | 00:00:05 | 00:00:00 |
| Average consumption while cruise control on | l/100km | 22,5 | 19,3 | 18,2 | 0 | 21,6 |
| Average speed on cruise control | km/h | 83 | 61,7 | 52,4 | 21 708 | 74,5 |
| Distance in EcoRoll mode | km | 0 | 1 | 15 | 2 | 18 |
| % of total distance traveled | | 0 | 0,1 | 0 | 0 | 0 |
| Number of engine brake applications | XXLx/100km | 6 | 29 | 78 | 158 | 27,6 |
| Braking distance with engine brake from total braking distance | minutes | 00:06:03 | 00:04:46 | 00:19:41 | 00:01:12 | 00:31:42 |
| % of total travel time | | 98,9 | 98,9 | 94,4 | 79,5 | 95,1 |
| Distance traveled with engine brake applied | km | 7,9 | 4,5 | 12,2 | 0,6 | 25,3 |
| % of total distance traveled | | 1,5 | 4,8 | 6,1 | 5,3 | 3 |
| Maximum engine brake speed | rpm | 2 038 | 2 081 | 2 145 | 1 998 | 2 145 |
| Number of brake pedal activations | XXLx/100km | 0 | 1 | 19 | 307 | 9 |
| Distance traveled with service brake applied | km | 0,1 | 0,1 | 0,7 | 0,2 | 1 |
| % of total distance traveled | | 0 | 0,1 | 0,4 | 1,4 | 0,1 |
| The ratio of service brake to engine brake | % | 0 | 0 | 0,1 | 0,3 | 0 |
| Distance traveled with parking brake | m | 0 | 0 | 0 | 0 | 0 |

ACHIEVED NUMBER OF POINTS
95,06 Points
 ★★★★★

Driving style of drivers in trucks

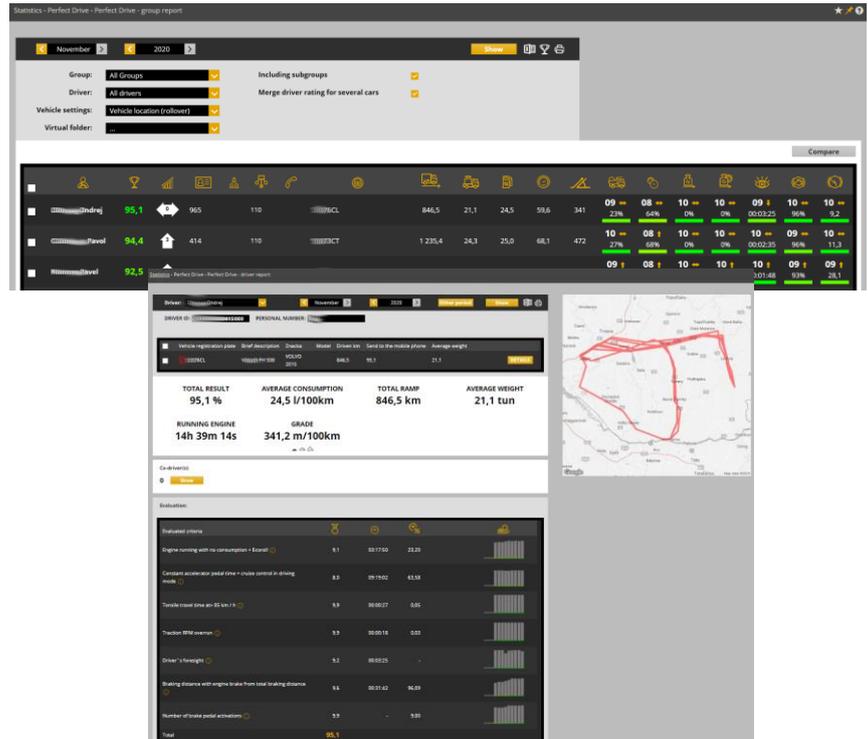
The evaluation takes place in an overview-reports of groups, drivers and detailed reports.

GROUP REPORT:

For the purpose of comparing several drivers with each other, a report of a group of drivers is used. Where, by default, drivers are ranked according to the total percentage they received for their driving style.

DRIVER REPORT:

In the driver report you can see a summary of basic parameters, as well as a map with the driver's route, a list of used vehicles and passengers.



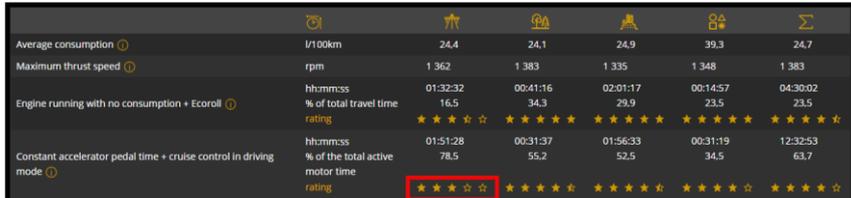
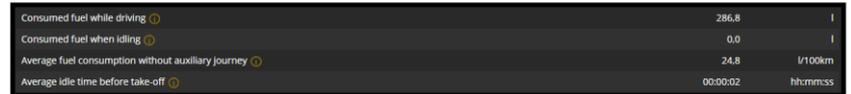
Driving style of drivers in trucks

DETAILED REPORT:

In the detailed report it is possible to monitor many other parameters of the driver's driving style. Furthermore, the distribution of values according to the type of traffic (city, intercity, highway, others). This report is intended for the detailed work of the driver manager.

At the beginning of the report, summary overviews of consumption, distance traveled with the vehicle, use of the parking brake, etc. are available. For clarity, there is also a graph with data on engine running time when driving, idling and increased idling or PTO.

For scoring items, you can also see how successful the driver was in the given criterion. For example, he received 3 stars out of 5 possible.



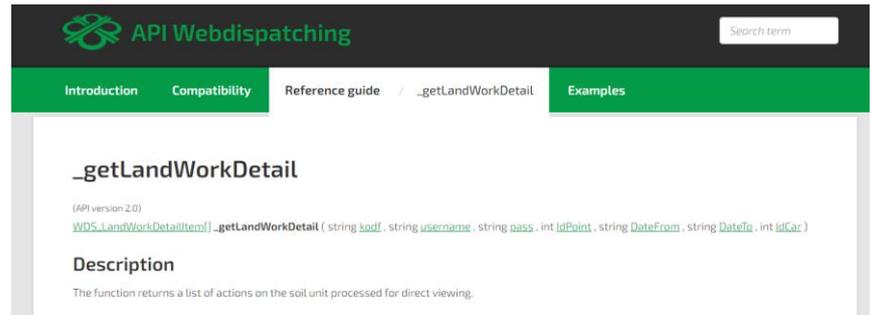
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NEWS – API function `_getLandWorkDetail`

We have added the evaluation of the user's rights to the vehicles to the mentioned API function `_getLandWorkDetail`.

When using this function, the newly given user will only see the vehicles to which he has the rights.

<https://developers.webdispecin.k.cz/reference-guide/function/getlandworkdetail>



The screenshot shows the documentation page for the `_getLandWorkDetail` function. The page has a dark header with the logo and name "API Webdispatching" and a search bar. Below the header is a green navigation bar with links for "Introduction", "Compatibility", "Reference guide", and "Examples". The main content area is white and features the function name `_getLandWorkDetail` in a large font. Below the name, it indicates "(API version 2.0)" and provides the function signature: `WDS.LandWorkDetailItem[] _getLandWorkDetail (string kodf , string username , string pass , int idPoint , string DateFrom , string DateTo , int idCar)`. A "Description" section follows, stating: "The function returns a list of actions on the soil unit processed for direct viewing."

NEWS – Website

On our website www.webdispecink.cz we have added information about news such as the GSM corporate card reader and the WD Driver mobile application for you.

u can read the information in the section "About product / Webdispatching's unique features/GSM corporate card reader".

If you are interested in these products, contact your sales representative or technical support at +420 233 555 111.



GSM CORPORATE CARD READER

The GSM corporate card reader is a device that authorizes the remote reading of digital tachograph data. There is one reader designated for each corporate card. The GSM network enables authorization through the corporate card, with the reader's SIM card an integral part. Authorization is required:

- When data is archived remotely from a digital tachograph
- In order to remotely archive the data from a driver card inserted in the tachograph

In addition, the reader can also charge mobile phones and be used as a stand for pencils and pens.



NOTICE – Turn off/ disable TLS 1.0 and 1.1 on the API Webdispecink We postpone the deadline!

Dear customers,
dear partners,

on the 31.12.2020 on the API Webdispecink will not support encryption through TLS 1.0 and 1.1 cryptographic protocols.

These methods of secure communication are used in old versions of operating systems and in the future means security risk.

Secure communication TLS 1.2 is still supported and we recommend switching to it.

Please, **inform your suppliers** of internal and external applications about this change, who will connect to the API of the Webdispatching system for you. Links to systems that do not comply with this change will be inoperative by the specified date.

If you have any questions regarding this matter please do not hesitate to contact us, e-mail webdispecink.tlm@eurowag.com or call +420 233 555 111. Thank you for your understanding.

Webdispecink team



The screenshot shows the top part of the API Webdispatching website. It features a dark green header with the logo and the text "API Webdispatching". To the right of the header is a search bar with the placeholder text "Search term". Below the header is a navigation menu with four tabs: "Introduction", "Compatibility", "Reference guide", and "Examples". The main content area has a white background and contains the following text:

Make the most of the Webdispatching application for your website.

By using the Webdispatching API you can **implement some functions from the Webdispatching application** to the pages running on your server.

SOAP (XML) technology is used for communicating between the applications.

The set of API Webdispatching functions is demonstrated in the examples in PHP5 programming language. The use of the Webdispatching API is governed by the [license terms](#). Free usage is limited to 2000 server queries per day and no technical support is provided.



The monitor shows a web application interface with a map on the left and a data table on the right. The table has several columns and rows of data.

CONCLUSION

We believe that you have found useful information in this magazine, to make it easier for you to work with Webdispecink application

Thank you for being with us.

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