

Skärmdumpar från testmiljön för att testa API:et, det egentliga resultatet är i Webservice



NTM^{CALC} Route Web Service API Explorer

The NTMCalc Route Web Service is an environmental calculation tool for freight transport. It calculates the route distance and environmental impact of intermodal transport chains. The minimum input are the postal codes of the pick-up and delivery addresses, the shipment weight, and the transport mode of the main leg. Any further details provided about transition points, vehicle type and properties such as fuel type, euro class, etc, will improve the precision of the calculation. It is a [REST](#) based API utilizing [JSON](#) for data transfer.

Select test case: 1. Road transport, Krivsta to Åmörträsk (Sweden)

Route specification		Vehicle specification	
Start point	SE74130	Vehicle 1	Truck with trailer 14-20 t
End point	SE93082	Parameters	
Transport mode	road		
Shipment weight	0.293		
Shipment unit	tonne		

Explore the API by changing the input values in the form and recalculate.

[Routing models](#) [JSON request & response](#) [API specification](#) [Access the web service](#)
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Results

Calculation results

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Route data

	Start point	End point	Distance	Vehicle
Leg 1	SE74130	SE93082	803 km	Truck with trailer 14-20 t

Environmental impact data

	CO2 total [kg]	CO2 fossil [kg]	CO2 biogen [kg]	CO2e [kg]	SO2 [g]	CO [g]	HC [g]	CH4 [g]	NOx [g]	N2O [g]	PM [g]	Energy [MJ]	Diesel BS - EU [l]
Truck with trailer 14-20 t													
Vehicle (tank to wheel)	27.1	25.8	1.30	26.0	0.174	45.7	1.16	0.0310	146	0.641	0.262	369	10.3
Fuel (well to tank)	>2.77	2.77	>0	3.62	14.9	3.94	29.9	27.7	8.49	0.617	0.480	66.5	
Total	>29.9	28.6	>1.30	29.6	14.9	49.3	31.1	27.7	155	1.16	1.43	436	10.3
Grand totals	>29.9	28.6	>1.30	29.6	14.9	49.3	31.1	27.7	155	1.16	1.43	436	10.3

JSON request and response [Back to top](#)

JSON request Text Text