



Truck engines are not necessarily built more robust than car engines. Enhanced service life is achieved by optimising speed-torque characteristics and hence keeping engine component loading at a low.

According to information obtained from SCANIA average truck fuel consumption is:

Vehicle Gross Weight	Topography		HIT-FLON	7.5% Additional Consumption/100 Km	LITRE per 66.000 Km
	FLAT	HILLY			
15 to	23 Litre	26 Litre	BLACK	1.80 l	641 l
20 to	26 Litre	30 Litre	BLACK	2.10 l	748 l
30 to	32 Litre	38 Litre	WHITE	2.25 l	801 l
40 to	38 Litre	46 Litre	WHITE	3.15 l	1122 l

Derived Savings:

Cars: Field Test 100.000 Km indicates 15% additional consumption = 1.3 l/100 Km yields 203 l per 30.000 Km.

Trucks: No field test available!

Assumption:

Analogue to Hit-Flon Consumption Saving Table (but 7.5% is not yet proved by test):

per 100.000 Km average 7.5% additional consumption yields 1.95 l/100 Km i.e. per 695 l per 66.000 Km BLACK

per 100.000 Km average 7.5% additional consumption yields 2.7 l/100 Km i.e. per 962 l per 66.000 Km WHITE

Note:

Engine oil marketing companies, like Total and Castrol, predict for their fuel-efficient engine oil Fuel savings in the range from 2% - 4%