

Volvo 122S 67'



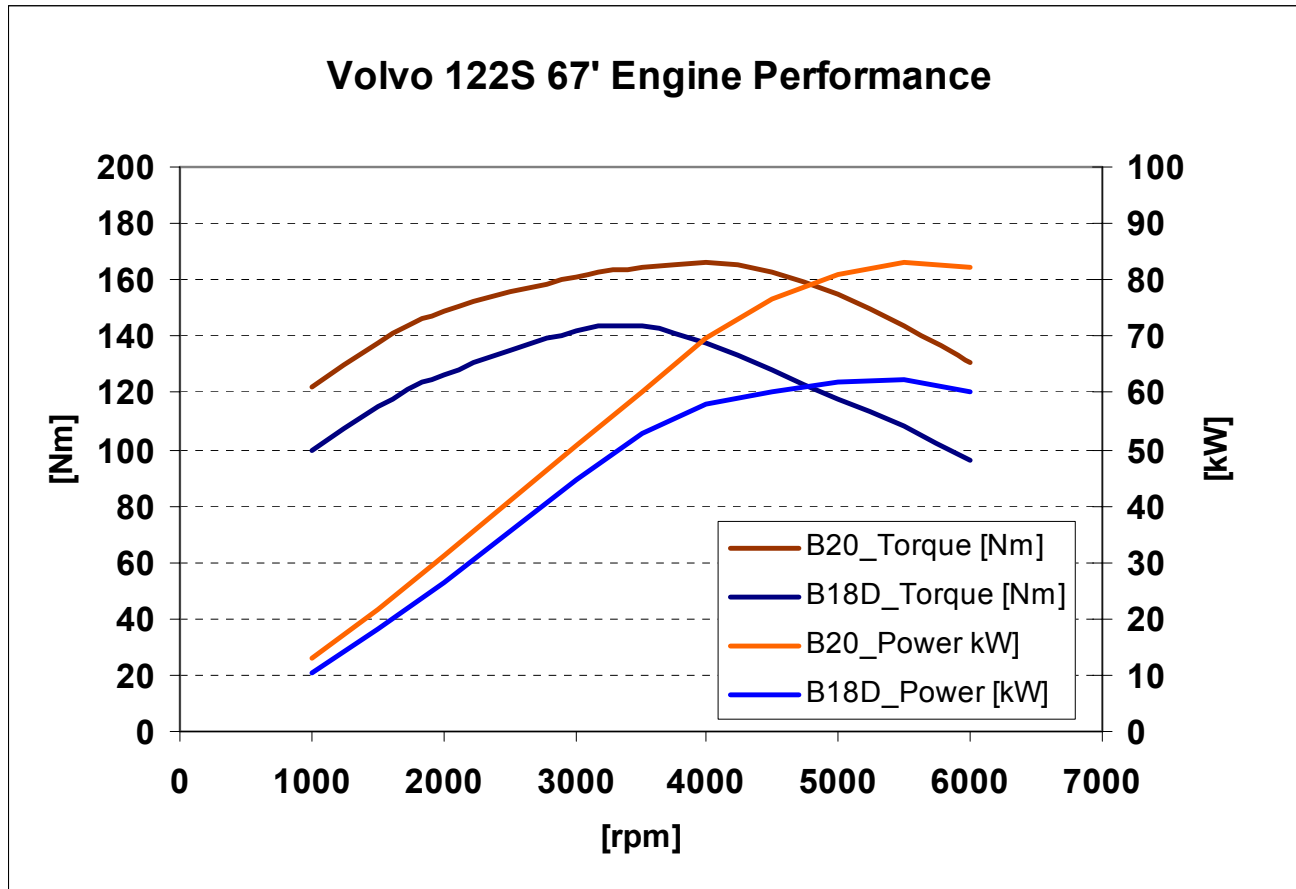
Volvo 122S Engine Performance

B18D original engine, 155tkm:

144Nm @3500rpm, 85HP @5500rpm

B20 engine, K-CAM, 0,8mm cylinder head gasket, 2x SU-HS6:

166Nm@4000rpm, 113HP@5600rpm



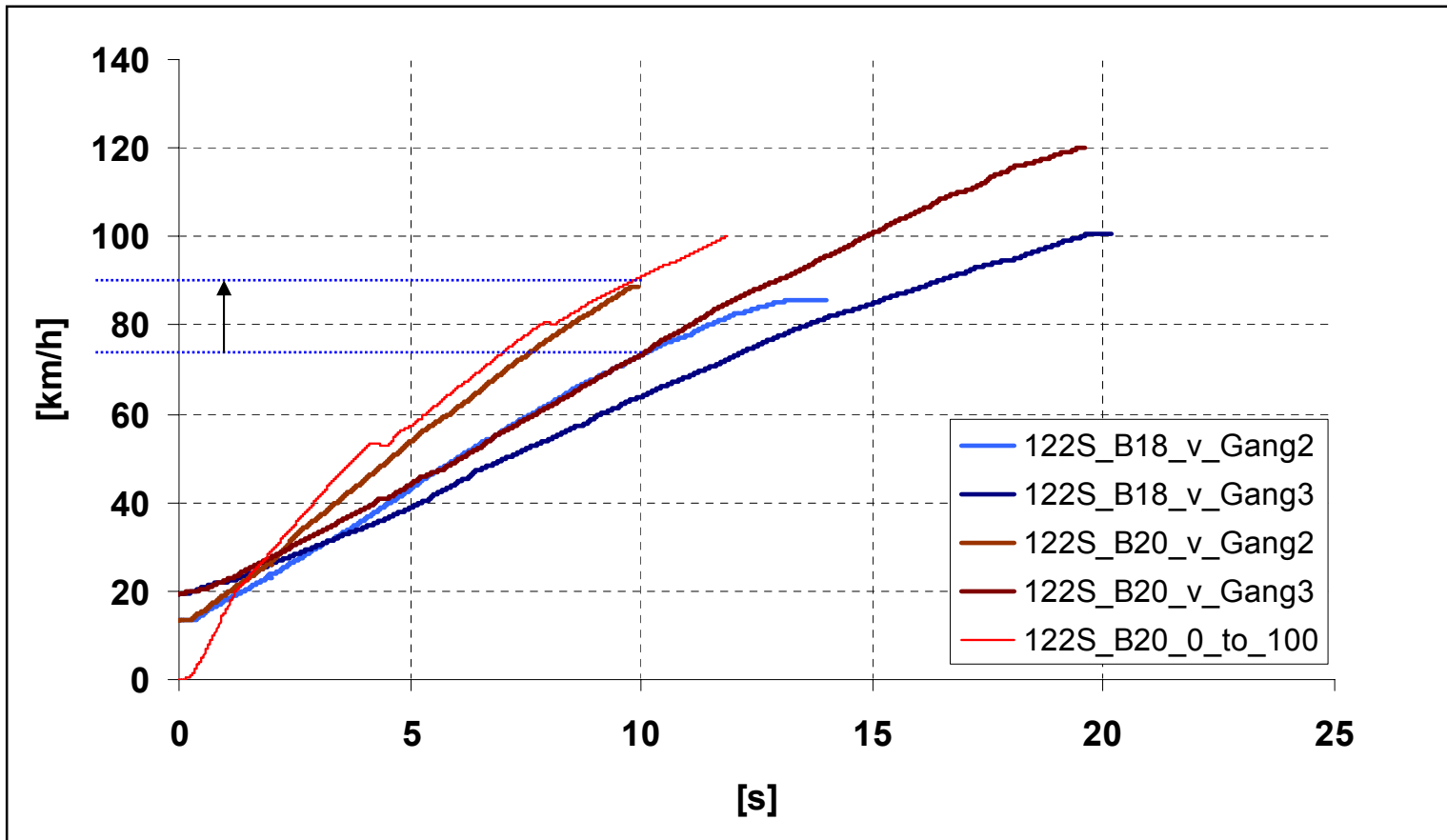
Volvo 122S Vehicle Performance

B20 engine, K-CAM, 0,8mm cylinder head gasket, 2x SU-HS6: 166Nm@4000rpm, 113HP@5600rpm

→ 0 to 100 kph: 11,6s

→ 2. Gear: 1000rpm → 6000rpm: after 10s 18kph faster than B18D

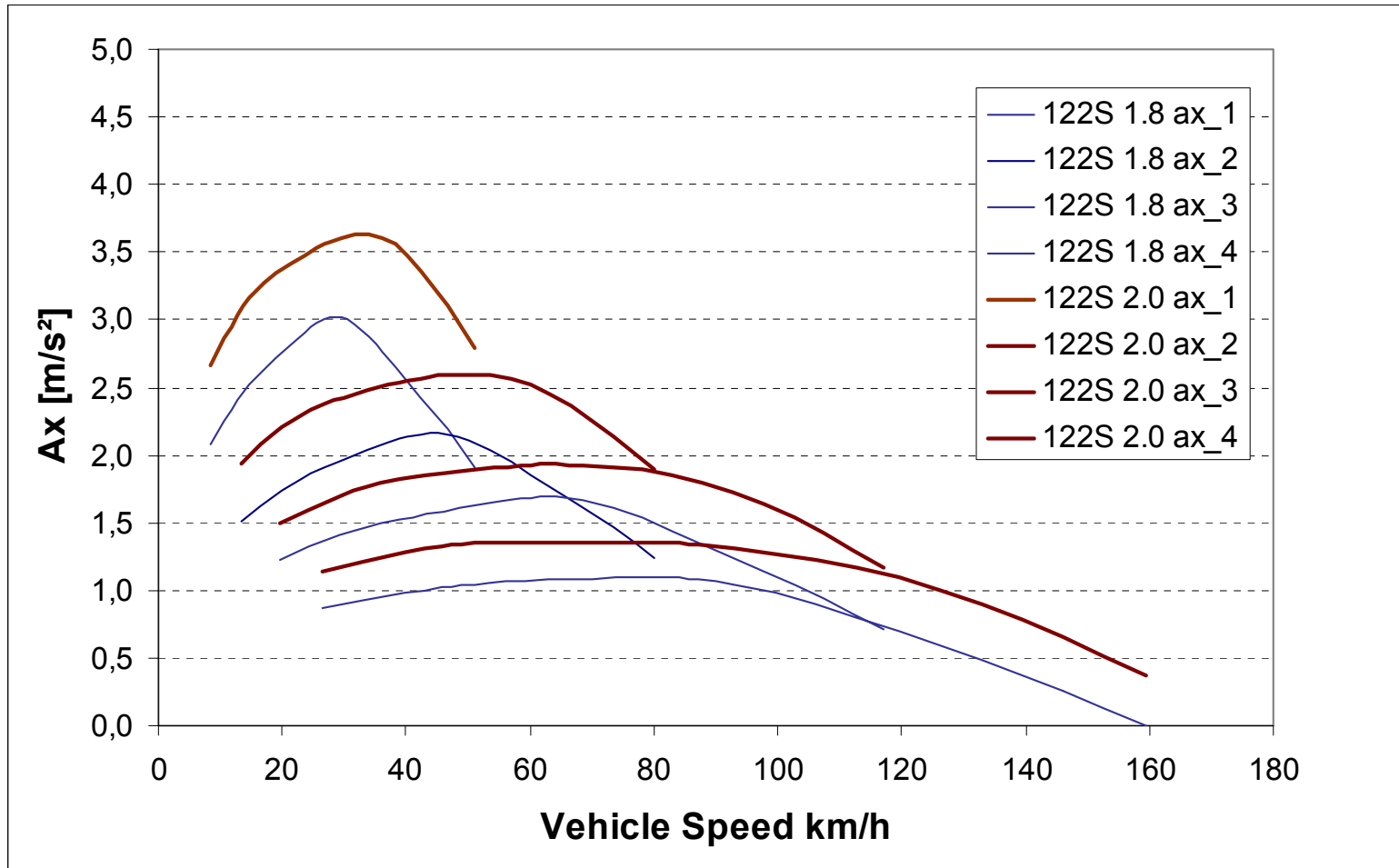
→ 3. Gear: 1000rpm → 6000rpm: after 19s 20kph faster than B18D



Volvo 122S Vehicle Performance

B20 engine, K-CAM, 0,8mm cylinder head gasket, 2x SU-HS6: 166Nm@4000rpm, 113HP@5600rpm

Acceleration vs. speed



Volvo 122S SU HS6 carburetor needles

B20 engine, K-CAM, 0,8mm cylinder head gasket, 2x SU-HS6: 166Nm@4000rpm, 113HP@5600rpm

SU HS6 needles: Current setup with **RN** needles → too high enrichment >> 3000rpm, Lamda = 0,78 – 0,82

→ I will modify to **KD** for less enrichment at fullload, ~ Lamda 0,85 – 0,9 → 2-4HP more power

