

# EMA'S PC9 HT/HS Recommendation

- 3.3 Minimum for XW30 after Shear  
Engine sees sheared oil  
No physical or chemical spec
- 3.5 Minimum for XW30 for new oil  
Engine Test Wear Data  
ACEA & Global DHD-1
- 3.3 Minimum in HEUI Test @ 5,10 hrs  
Heavy Duty Diesel Engine Test

# Mack T9

## Liner Wear vs HTHS

LWS (um)

