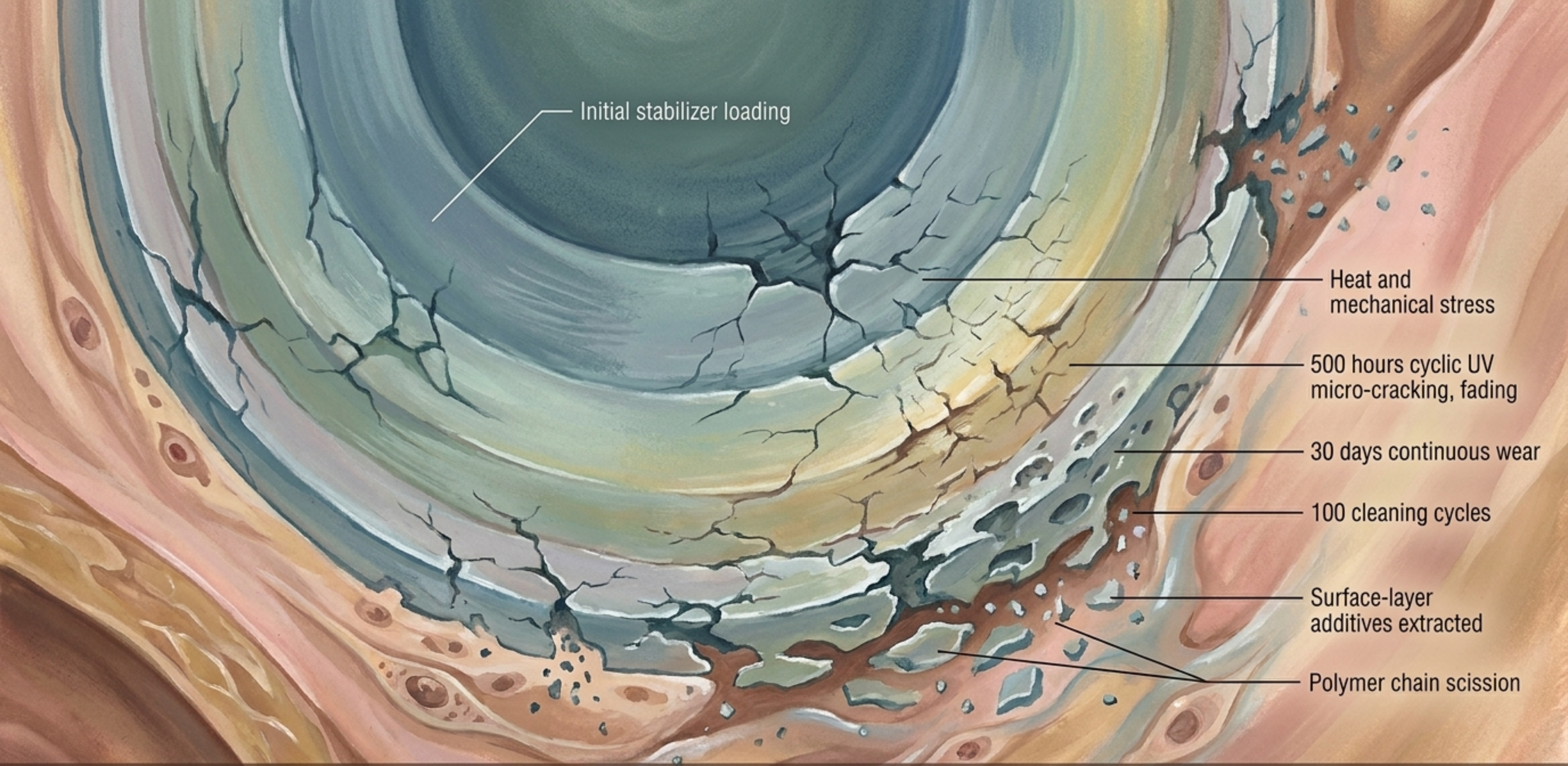




Initial stabilizer loading

Heat and  
mechanical stress

500 hours cyclic UV  
micro-cracking, fading

30 days continuous wear

100 cleaning cycles

Surface-layer  
additives extracted

Polymer chain scission

Repeated cleaning cycles and environmental stress extract surface-layer additives and accelerate polymer degradation.

## ADDITIVE DEPLETION TIMELINES