```
mod_eq_0  THM

⊢  ∀n:ℕ. 0<n ⇒ (∀k:ℕ. nmod(k•n;n) = 0)
  by RewriteOfThm
     Thm* all
          (λn:hnum. implies
                    (lt(0,n)
                    ,all(λk:hnum. equal(mod(mult(k,n),n),0))))
     {hmod_eq_0}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```