```
less_add  THM

⊢  ∀m,n:ℕ. n<m ⇒ (∃x:ℕ. x+n = m)
  by RewriteOfThm
     Thm* all
          (λm:hnum. all
                    (λn:hnum. implies
                              (lt(n,m)
                              ,exists(λp:hnum. equal(add(p,n),m)))))
     {hless_add}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```