```
add_eq_pred_qf  THM

⊢  ∀'a:Type, P:Prop. P ⟺ (∀f:eq('a). P)
| by Id THEN StrongAuto THEN Try (Complete (Unfold `label` 0))
|
1. 'a : Type
2. P : Prop
3. ∀f:eq('a). P
⊢  P
  by DTerm (λx:'a. λy:'a. x =b y) 3 THEN StrongAuto
     THEN
     Try (Complete (Unfold `label` 0))
     THEN
     Analyze
     THEN
     StrongAuto
     THEN
     Try (Complete (Unfold `label` 0))
END
```