

```

val cartZeroed = fn : Node -> bool
val pumpStop = fn : Node -> bool
val cartEmpty = fn : Node -> bool
val myASKCTLformula =
  OR
    (NOT (FORALL_UNTIL (TT,NF ("a_",fn))),
     FORALL_UNTIL (TT,NOT (OR (NOT (NF ("c_",fn)),NOT (NF ("d_",fn)))))) : A
val it = true : bool

```

```

fun cartZeroed b = Mark.Standard_Infusion'DC 1 b = 1` (4,0);
fun pumpStop r = Mark.Standard_Infusion'S 1 r = 1` ();
fun cartEmpty s = Mark.Standard_Infusion'EC 1 s = 1` ();

val myASKCTLformula = OR(
  NOT(
    EV(NF("a_",cartZeroed))),
    EV( AND( NF("c_",pumpStop), NF("d_",cartEmpty) ) )
  );
eval_node myASKCTLformula InitNode;

```