

```
1 CONTEXT
2   WaterTank_2Tanks_Ctx
3 EXTENDS
4   WaterTank_base_Ctx
5 CONSTANTS
6   V1max
7   V2max
8   V10
9   V20
10 AXIOMS
11   axm1:  $V1max \in RReal$ 
12   axm2:  $Rzero \mapsto V1max \in lt$ 
13   axm3:  $V2max \in RReal$ 
14   axm4:  $Rzero \mapsto V2max \in lt$ 
15   axm5:  $V10 \in RReal$ 
16   axm6:  $Rzero \mapsto V10 \in leq$ 
17   axm7:  $V10 \mapsto V1max \in leq$ 
18   axm8:  $V20 \in RReal$ 
19   axm9:  $Rzero \mapsto V20 \in leq$ 
20   axm10:  $V20 \mapsto V2max \in leq$ 
21 END
```