

THE COST OF WATER INTRUSION

MAXIMUM VALUE OF WATER-DAMAGED GASOLINE

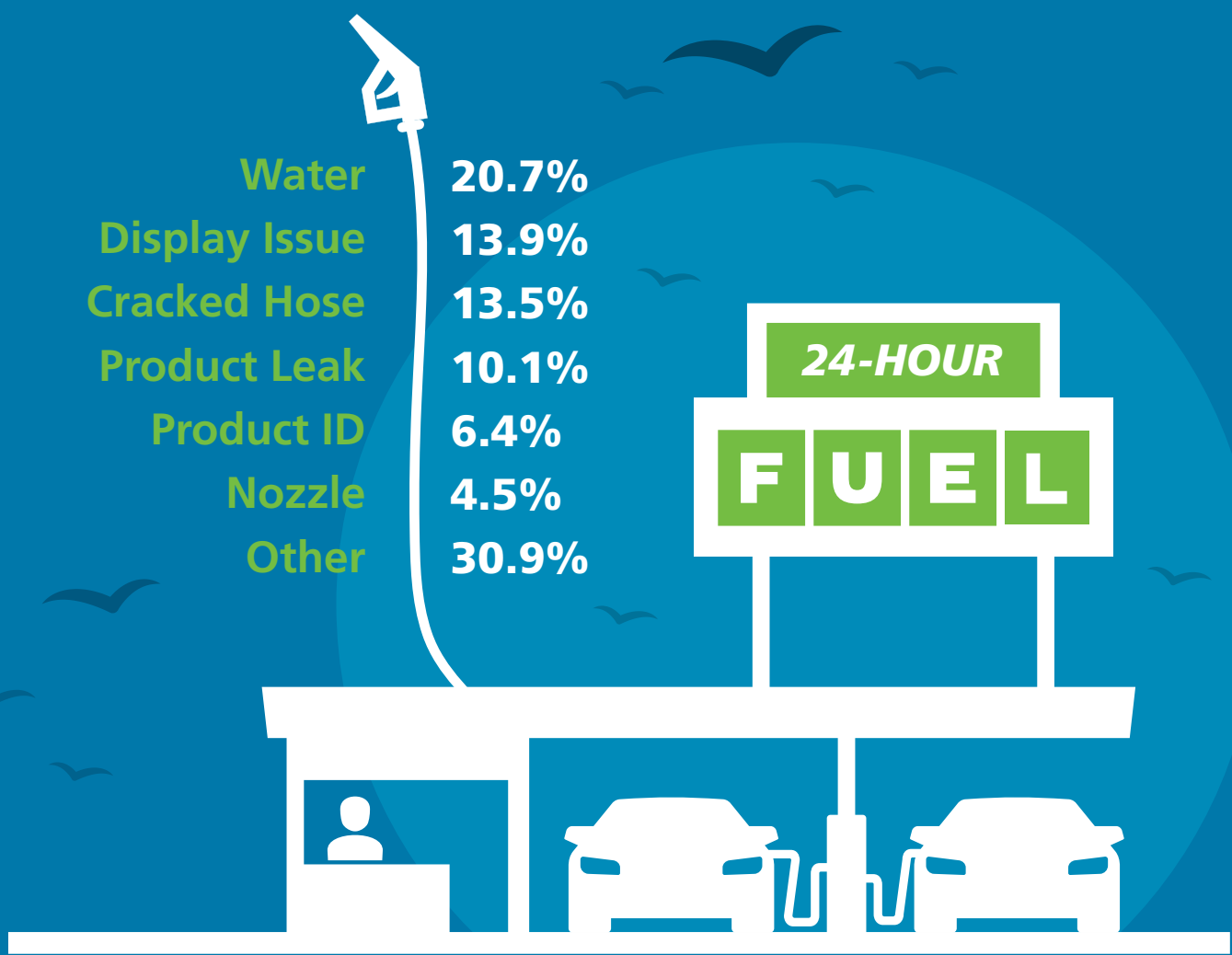
\$46,620

AVERAGE CAPACITY OF UST:
18,000 gallons

Source: EIA (*as of 3/23/18)

AVERAGE GASOLINE PRICE PER GALLON:
\$2.59*

2016 GAS STATION VIOLATIONS



Source: CheapCarInsurance.net

2016 WATER-RELATED VIOLATIONS*

22% OF ALL VIOLATIONS WERE WATER-RELATED

Diesel:	41.2%
Other**:	19.6%
Premium:	18.6%
Plus:	15.2%
Regular:	5.4%

*State of North Carolina
**Non-standard fuel types

COMMON CAUSES OF WATER INTRUSION

- Water in fuel
- Water in spill buckets
- Improperly replaced delivery cap
- Hole in vent cap/line
- UST leak
- Damaged tank-sump seals
- Loose fittings/plugs
- Condensation in UST

PREVENTING WATER INTRUSION

TYPES OF WATERTIGHT COMPONENTS:



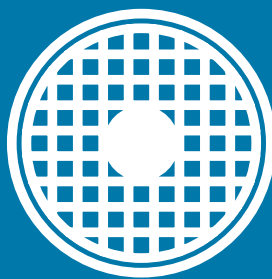
Spill Containers



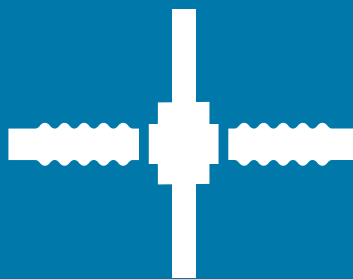
Fiberglass Multiports



Dry Tank Sumps



Composite Manhole Covers



Dual-sided Entry Fittings

Source: OPW Retail Fueling