



## Gulf AdBlue® Force

### NOx reduction fluid for SCR systems

#### Product Description

**Gulf AdBlue® Force** is a premium quality automotive grade aqueous urea solution developed for use in SCR (Selective Catalytic Reduction) after treatment unit to reduce harmful NOx (Nitrogen Oxides) emissions. **Gulf AdBlue® Force** is manufactured as per quality requirements of ISO 22241 standard and every batch undergoes rigorous testing for all 18 parameters which ensures the right concentration of urea and the raw material purity is maintained for longer life of SCR system components.

#### Features & Benefits

- Made under Licence from **Verband der Automobilindustrie (VDA)**.
- **Protects SCR systems** - As the quality of **Gulf AdBlue® Force** is closely controlled, it does not damage SCR Systems
- **Minimises NOx** - The amount of NOx in exhaust gas can be significantly reduced. It helps vehicles equipped with SCR meet Euro VI / Euro VI or equivalent emission standard requirements.
- **Environment Friendly** – **Gulf AdBlue® Force** reduces harmful NOx into naturally occurring Nitrogen and Water, thus reducing pollution.



#### Application

- Co-branded diesel exhaust fluid approved by Force Motors Limited for Force Motors Engines meeting BS VI emission norms
- Recommended for use in SCR units of Heavy and light-duty commercial vehicles and passenger vehicles meeting BS VI/ BS IV emission norms. Also recommended for Construction, Mining, Farm and other Off-highway equipment using SCR after treatment units.

**Typical Properties/ Test parameters:** Conforming to ISO 22241-2

**Shelf life** - Refer chart below for ISO 22241-3 recommendation.

Constant Ambient Storage Temperature, °C	Minimum Shelf life, Months
≤ 10	36
≤ 25	18
≤ 30	12
≤ 35	6
> 35	Significantly reduction of shelf-life; Check every batch before use

Prolonged transportation or storage above 25 °C should be avoided.

#### Specifications, Approvals & Typical Properties

Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

The information contained herein is believed to be correct at the time of publication and may be subject to modification from time to time. It is the user's responsibility to verify that this data sheet is current prior to using the product. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of products. Gulf Oil International reserves the right to modify and change its products and specifications without prior notice.

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## Handling Precautions

- ✓ Fill **Gulf AdBlue® Force** directly from the container in the designated AdBlue® tank of the vehicle only to avoid contamination.
- ✗ **Do not add to Diesel tank**
- ✗ Do not dilute with water. Strictly avoid contact with fuel/oil / other petroleum products
- ✓ Use a dedicated pipe and hose to avoid any kind of contamination.
- ✗ Strictly avoid dispensing/handling units with MS components.
- ✓ Bulk Storage to be done in Stainless steel / non-additised HDPE tanks only

GOLIL – July 2024

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