

## TECHNICAL DATA SHEET

### DESCRIPTION

CORROSION INHIBITOR CONCENTRATE ARBACOR-3 is innovative highly concentrated product that enhance the inhibitory efficiency. It is ready-to-dilute formulation of components at wide ethoxylation range (10-20 moles of ethylene oxide) designed for finished corrosion inhibitor blending in water-methanol mixture.

The inhibitors prepared on its basis shows an excellent effect for protection of oil gathering systems, condensate and gas pressure pipelines, and water injection systems as well as protection of wet sour gas production systems and oil producing wells with a high GOR.

Designed for environments containing carbon dioxide and traces of hydrogen sulfide in a wide range of mineralization.

### COMPOSITION

Mixture of ethoxylated aromatic amine N-methyl-p-anisidine and co-components.

### TECHNICAL PROPERTIES

The typical properties of ARBACOR-3 are listed in below table.

|                                                                                   |                                                        |
|-----------------------------------------------------------------------------------|--------------------------------------------------------|
| APPEARANCE                                                                        | Liquid from yellow to dark brown. Opalescence allowed. |
| SPECIFIC GRAVITY, kg/m <sup>3</sup>                                               | 1000 ÷ 1150                                            |
| DRY CONTENT, %<br>Type A<br>Type M                                                | 75<br>40                                               |
| KINEMATIC VISCOSITY, at 20 °C, mm <sup>2</sup> /s, not above:<br>Type A<br>Type M | 250<br>100                                             |
| pH of 1.0% water solution                                                         | 5,8 ÷ 6,5                                              |

### APPLICATION

- Designed for both continuous and batch injection.
- Effective at dosages of 10 - 50 ppm.
- For injection of the corrosion inhibitor, it is recommended to use block dosing units. When transferring inhibitors from supply containers, it is recommended to use oil- and petrol resistant hoses.

### PACKAGING AND STORAGE

Products are stored in well-ventilated closed warehouses or under a cover, away from heating devices and ignition sources. Store separately from food stuffs.

The guaranteed shelf life is 2 years for the concentrate and finished corrosion inhibitor; subject to storage conditions in non-damaged factory packaging.