

# TDS

## VINA BUHMWOO

ISO 9001, MADE IN VIETNAM



### VBC WG-46V

#### Description

VBC WG –46V is a Water-Glycol Fire-resistant Hydraulic Fluid containing a glycol, a high molecular weight polyglycol and additives.

#### Benefits

1. FIRE RESISTANCE : WG-46V is not only totally uncombustible but also do not ignite respectively burn in most case, where a conventional mineral-based hydraulic oil will do.
2. VISCOSITY PROPERTIES . LOW POUR POINT : High V.I.(Viscosity index) and Low P.P(Pour Point) enable this hydraulic fluid to accommodate wide temperature fluctuations.

#### Typical properties

| TEST ITEM                                   | RESULT | TEST METHOD |
|---|--------|-------------|
| Density (15/4°C)                            | 1.08   | ASTM D 1298 |
| Kinematic Viscosity (40°C,cSt)              | 46     | ASTM D 445  |
| Viscosity index                             | 223    | ASTM D 445  |
| Flash point (COC,°C)                        | NONE   |             |
| Water content (%)                           | 40     |             |
| Pour point (°C)                             | -50    |             |
| pH  | 9.8    |             |
| Anti-rust Performance (distilled water,24h) | NONE   |             |
| Alkaline Reserve Value(ml)                  | 136    |             |

#### Application

Industrial machinery and oil-presure equipment ,Machinetool, Extrusion, Mine, Robot, Oil-drilling equipment, etc.

#### Use Method

If you want to change oil type, you have to flushing first.

- 1) Coating, Painting : Vinyl Paint or Epoxy paint is suitable to WG-46V and all Water-glycol fluids show softening properties for normal painting.
- 2) SEALING. PACKING MATERIAL: WG-46V is compatible with the sealings such as Nitrile, Fluorine,Buthyl,Ethylene, Propylene. But Urethane rubber, Silicon rubber,Leather, Paper are not compatible with WG-46V.
- 3) FILTER:WG-46V.is compatible with the Polyester fibres, glass fibres. Specialty treated cellulose fibres, wire-mesh. But,Nylon fibres is not compatible with WG-46V.
- 4)EFFET ON METAL: All Ferrous/ Non-ferrous parts in a hydraulic system, which are in a continous contact with the fluid, are totally protected against corrosion. But, the materials such as , Aluminium, Zinc ,Magnesium,Cadmium, Lead is incompatible with WG-46V.

#### Term of validity

12 months from the date of manufacture at sealed state, 0 to 40 °C .

#### Safety information

Refer to the our MSDS for safety information

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