

# CEPSA HD TURBINAS\*

## Description



Lubricant oils formulated with highly-refined hydrotreated paraffinic base stocks and selected additives that provide it with excellent properties for multiple applications.

### Applications

- Specially recommended for steam, gas or hydraulic turbines that require an oil having a long period of useful life, together with high oxidation stability.

### Performance

- High thermal and chemical stability.
- Good oxidation stability.
- High anti-rust properties.
- Good air release properties.
- Excellent anti-foam capability.
- Less oil consumption which permits longer oil change periods.

## Specifications

|                                    |                               |                               |
|------------------------------------|-------------------------------|-------------------------------|
| • ISO 6743-5 L TSA/TSE/TGA/TGB/TGE | • DIN 51515 Parte I (L-TD)    | • ASTM D 4304 (Tipo I)        |
| • ALSTHOM NBA-P-50001-A            | • GENERAL ELECTRIC GEK 28143A | • GENERAL ELECTRIC GEK 32568F |
| • SIEMENS TLV 901304               | • SOLAR Class II              |                               |

## Typical Characteristics

| CHARACTERISTICS            | ASTM STANDARD<br>(ISO-3448) | CEPSA HD TURBINAS* |       |       |
|----------------------------|-----------------------------|--------------------|-------|-------|
|                            |                             | 32                 | 46    | 68    |
| ISO grade                  |                             |                    |       |       |
| Density 15 °C, kg/l        | D-4052                      | 0,877              | 0,881 | 0,885 |
| Flash Point, COC, °C       | D-92                        | 215                | 220   | 225   |
| Pour Point, °C             | D-97                        | -12                | -12   | -12   |
| Viscosity at 40 °C, cSt    | D-445                       | 32                 | 46    | 68    |
| Viscosity Index            | D-2270                      | 100                | 100   | 95    |
| Emulsion 30 mins, ml, max. | D-1401                      | 3                  | 3     | 3     |
| Rust Prevention            | D-665 B                     | Pass               | Pass  | Pass  |
| RPVOT, minutes             | ASTM D 2722                 | >750               | >750  | >750  |
| TOST, hours                | ASTM D 943                  | >5000              | >5000 | >5000 |

## Health & Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.

The typical values of the characteristics appearing in the table are average values given for guidance purposes. These values may be modified without any prior warning.