## PROCESS OILS

## CEPSA PROCESS 150



## DESCRIPTION

Paraffinic process oil.
CEPSA PROCESS 150 is a paraffinic process oil for general purpose.
TYPICAL CHARACTERISTICS

| CHARACTERISTIC | UNITS | METHOD | MINIMUM | TYPICAL | MAXIMUM |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ASTM Color | - | ASTM D 1500 |  |  | 1 |
| Density at $15^{\circ} \mathrm{C}$ | kg/l | ASTM D 4052 | 0.8743 |  |  |
| Viscosity at $40^{\circ} \mathrm{C}$ | cSt | ASTM D 445 | 28 | 30 | 32 |
| Viscosity at $100^{\circ} \mathrm{C}$ | cSt | ASTM D 445 | 5.23 |  |  |
| Viscosity Index | - | ASTM D 2270 | 102 | 103 |  |
| Refractive Index at $20^{\circ} \mathrm{C}$ | - | ASTM D 1218 |  | 1.48104 |  |
| Pour Point | ${ }^{\circ} \mathrm{C}$ | ASTM D 5949/5950 |  |  | -15 |
| Aniline Point | ${ }^{\circ} \mathrm{C}$ | ASTM D 611 |  | 99.1 |  |
| Flash Point, COC | ${ }^{\circ} \mathrm{C}$ | ASTM D 92 | 210 | 238 |  |
| * Carbon Distribution |  | IR BRANDES |  |  |  |
| \% Paraffinics Carbon |  |  | 62.8 |  |  |
| \% Naphthenics Carbon |  |  | 33.2 |  |  |
| \% Aromatics Carbon |  |  | 4 |  |  |
| Micro Carbon Residue | \% (m/m) | ASTM D 4530 |  |  | 0.05 |
| Sulphur | mass \% | ASTM D 4294 | 0.72 |  |  |
| Ash Content | mass \% | ASTM D 482 | <0.001 |  |  |
| Acid Number | $\mathrm{mg} \mathrm{KOH} / \mathrm{g}$ | ASTM D 664 |  |  | 0.05 |
| Water Content (Karl-Fischer) | ppm | ASTM D 6304 | 100 |  |  |
| Coefficient of thermal expansion | $1 /{ }^{\circ} \mathrm{C}$ | ASTM D 696 | 0.0008 |  |  |

$\left.{ }^{*}\right)$ The characteristics marked with an asterisk are considered as informative purposes, and they are not listed in the quality certificate.

Purity:

- Meets 21 CFR 178.3620(c): Non Food Use.
- Upon customer's request, the PCA extract test will be performed by the IP 346 Method, with a specified value of $<3.0 \%(\mathrm{~m} / \mathrm{m})$.


## HEALTH \& SAFETY AND ENVIRONMENT

In accordance with legislation in force, all health, safety and environmental information for this product is provided on the Material Safety Data Sheet, which gives details of potential hazards, precautions when handling and first aid measures, together with environmental data.

