

## Mineral oil

### A-Base 12 – Product Specification Sheet

**A-Base 12** is an industrial Group II grade mineral oil that consists of a blend of processed base oils manufactured through hydrocracking saturated aliphatic and alicyclic nonpolar hydrocarbons.

### CHARACTERISTICS

Test Description	Method	Specification	Result
Appearance	Visual	Bright and Clear	Report
Colour (ASTM )	ASTM D1500	L0.5 Typical	Report
Colour (Saybolt)	ASTM D156	Min. +25	Report
Density @ 20 °C kg /l	ASTM 4052	0.810 - 0.875	Report
Density @ 15°C kg/l	ASTM D4052	0.829 Typical	Report
Flash Point °C	ASTM D92	204 Typical	Report
Pour Point °C	ASTM D97	- 24 Typical	Report
Viscosity Index	ASTM D2270	112 Typical	Report
Viscosity @ 40°C	ASTM D445	10 - 15	Report
Viscosity @ 100°C	ASTM D445	3.0 Typical	Report
Water Crackle	Visual	No Crackle	Report
Water Content ppm	ASTM D6304	100 Max	Report
Noack Volatility wt%	ASTM D5800	Report	Report
API @ 60°F	ASTM D1298	Report	Report
Sulfur (ppm)	ASTM D5453	Max. 10	Report
Copper Corrosion	ASTM D130	Max. 1	Report
Total Acid No., mg KOH/g	ASTM D974	Max. 0.02	Report
Con. Carbon Residue, wt%	ASTM D189	Max. 0.05	Report

## **COMPLIANCE ACCORDING TO THE EUROPEAN COSMETIC DIRECTIVE**

In accordance with the European Cosmetic Directive, 76/768, it can be stated that neither

**A-Base 12** nor its component ingredients are tested on animals.

### **APPLICATIONS**

**Used in the base oil and lubricant industry for:**

- Delivering reduced friction and wear,
- Increased viscosity,
- Resistance to corrosion and oxidation
- Assist in the prevention of aging or contamination.

### **STORAGE**

Specific information on the safe handling and storage of these products is given in our Material Safety Data Sheet

**CAS No** : 8012-95-1

**E.I.N.E.C.S. No** : 232-384-2

**CFTA Name** : Mineral oil

---

Although every endeavour has been made to ensure that the information given is reliable, IOP (Pty) Ltd assumes no obligation or liability based on the recommendations made, either for results obtained, or for injuries and damages deriving from the use of its products. Certain applications may be covered by patents, and the Company recommends that users, in their own interests, should take the necessary steps to avoid infringement of such patents.