

## PRODUCT DESCRIPTION

Group III base oils are subjected to the highest level of mineral oil refining of the base oil groups. Although they are not chemically engineered, they offer good performance in a wide range of attributes as well as good molecular uniformity and stability. They are commonly mixed with additives and marketed as synthetic or semi-synthetic products because of this. Their viscosity index is above 120 while the level of sulphur is below 0.03%.

## APPLICATIONS:

CST 8 is a high-performance Group III base oil with good oxidation stability, low sulphur content, high viscosity index and excellent low temperature fluidity. This line of products is widely used as blending components in a variety of industrial and automotive lubricants, functional fluids and can also be used as a VI improver for low viscosity index base oils.

**Packing:** Drum, Flexi & Bulk

| PROPERTY         | TEST                     | UNIT               | RESULT   |       |
|------------------|--------------------------|--------------------|----------|-------|
|                  | METHOD                   |                    |          |       |
| Colour           | ASTM D1500               | -                  | Max 0.5  | L0.5  |
| Viscosity @40°C  | ASTM D445                | mm <sup>2</sup> /S | Report   | 45.00 |
| Viscosity @100°C | ASTM D445                | mm <sup>2</sup> /S | 7.0~8.5  | 7.30  |
| Viscosity Index  | ASTM D2270               |                    | Min 120  | 125   |
| Pour point       | ASTM D6749<br>ASTM D5950 | °C                 | Max -15  | -17.0 |
| Flash point      | ASTM D92                 | °C                 | Min 200  | 245   |
| Aromatics        | ASTM D3238               | %                  | Max 1.0  | 0.0   |
| CCR              | ASTM D189                | wt%                | Max 0.01 | L0.01 |
| TAN              | ASTM D974                | mgKOH/g            | Max 0.01 | 0.003 |
| Noack Volatility | ASTM D5800               | wt%                | X        | 5     |