

## ETRO 6 GROUP III BASE OIL

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### Technical Data Sheet

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**Description** ETRO 6 is a very high quality Group III base oil, manufactured from a proprietary wax isomerisation process and hydrofinished to a colourless liquid. The base oil is highly isoparaffinic and exhibits a very high viscosity index as well as superior low temperature performance. It has an excellent viscosity-volatility relationship.

**Applications** ETRO 6 is an excellent choice for formulating high performance, low viscosity engine oils due to its high viscosity index and low volatility. This base oil is also suitable for industrial applications in compressor, hydraulic, gear and turbine formulations.

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### Technical Data

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| Property          | Test Method   | Unit               | Specification value | Typical value  |
|-------------------|---------------|--------------------|---------------------|----------------|
| Appearance        | Visual        |                    | Bright & Clear      | Bright & Clear |
| Colour            | ASTM D1500    |                    | L 0.5 max           | L 0.5          |
| Viscosity @ 100°C | ASTM D445     | mm <sup>2</sup> /s | 6.00 – 6.50         | 6.10           |
| Viscosity Index   | ASTM D2270    |                    | ≥ 125               | 133            |
| Pour Point        | ASTM D97      | °C                 | ≤ -15               | -18            |
| Flash Point       | ASTM D92      | °C                 | > 220               | 230            |
| Noack Volatility  | ASTM D5800(b) | wt%                | ≤ 8                 | 7.1            |
| Saturates         | IP368         | %                  | > 95                | 99             |
| Sulphur Content   | ASTM D2622    | ppm                | < 30                | 5              |
| CCS Viscosity     | ASTM D5293    | cP                 |                     |                |
| at -25°C          |               |                    |                     | 2,088          |
| at -30°C          |               |                    |                     | 3,977          |
| at -35°C          |               |                    |                     | 7,422          |

**Formulation Support** ETRO 6 is supported with top-tier engine oil formulations that meet:

- API SM
- ILSAC GF-4
- ACEA 2008
- OEM specifications