

ETRO 3

High Viscosity Index Base Fluid

ETRO 3 is a pure, high quality Group II base fluid, manufactured from a unique feedstock by using a proprietary hydrotreatment and wax isomerization process and hydrofinished to a colorless liquid. The base fluid is highly iso-paraffinic and exhibits a high viscosity index as well as superior low-temperature performance.

ETRO 3 is registered by NSF for categories H1 (use as lubricant with incidental food contact) and HX-1 (ingredient for use in lubricants with incidental food contact).

Applications

ETRO 3 is an excellent choice for formulating high-performance, low-viscosity specialty fluids due to its high viscosity index and low-temperature performance. The controlled volatility makes this base oil also suitable for transformer oils and transmission specialty fluids as well as for other industrial lubricants.

Features and Benefits

- Very high viscosity index
- Excellent volatility for low-viscosity specialty fluids
- Superior low-temperature performance
- Good oxidation stability

Properties

Properties	Test Methods	Units	Specification Value	Typical Value
Appearance	Visual		Bright & Clear	Bright & Clear
Density @ 15 °C	ASTM D 1298 /D 4052	kg/L	Report	0.8306
Colour	ASTM D 1500		L 0.5 Max	L 0.5
Viscosity @ 40 °C	ASTM D 445	mm ² /s	≥ 9.00	10.72
Viscosity @ 100 °C	ASTM D 445	mm ² /s	2.70 – 3.20	2.85
Viscosity Index	ASTM D 2270		Report	114
Pour Point	ASTM D 97/D 5950	°C	≤ -27	-33
Flash Point	ASTM D 92	°C	≥ 170	186
Sulphur Content	ASTM D 2622/D 5453	mg/kg	Report	4
Saturates	IP 368 / ASTM D 7419	mass %	Report	> 99

Marketed by,
PETRONAS Lubricant International (PLI)
Base Oil Division

Further information is available at www.pli-petronas.com

