

## TECHNICAL DATA SHEET

### Group III Base oil -100N

#### Description

This series products are very high VI base oils produced under all-hydro processing route (hydro cracking, wax hydro isomerization and hydro finishing). Wax hydro isomerization process and severe hydro cracking and hydro finishing process almost completely remove impurities and saturate aromatics to only a traceable level.

This series base oil are also claimable as “synthetic” according to the ruling by the National Advertising Division (NAD) of the Council of Better Business Bureaus and have the following characteristics, which closely match conventional synthetics like PAOs.

- Very high viscosity index
- Excellent response to PPD
- Excellent low temperature performance
- Excellent oxidative and thermal stability
- Very low volatility
- Very high flash points and purity

#### Technical Data

TEST ITEMS	TYPE	ULTRA 4(100N)
Appearance	Visual	B&C
Specific Gravity, 15/4°C	D1298	0.834
Color, Say bolt	D156	+30
Kinetic Viscosity	@40,cSt	D445
	@100,cSt	2.174
		5.457
Viscosity Index	D2270	123
Flash Point, °C (COC)	D92	228
Pour Point, °C	D97	-20.0
Carbon Residue(CCR), wt%	D189	<0.01
Copper Corrosion, 100°C/3hr	D130	1a
Sulfur Content, wt ppm	D5453	<1.0
TAN, mgKOH/g	D974	<0.01
Ring	wt% CA	0.2
Analysis,	wt%CN	D3238
	wt%CP	
		82.1
Aniline Point, °C	D611	115.8
UV Absorbance, 260-350nm	D2269	<0.1
Noack, wt%	D5800	14.5
Saturates, wt%	D2007	>99

#### Packing

Flexi Tanks