

TECHNICAL DATA SHEET

Group III Base oil - 70N

Description

Ultra 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.

These series base oils 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 3(70N)	
Appearance	Visual	B&C	
Specific Gravity, 15/4°C	D1298	0.827	
Color, Say bolt	D156	+30	
Kinetic Viscosity	@40,cSt	D445	13.47
	@100,cSt	2.174	4.247
Viscosity Index	D2270	117	
Flash Point, °C (COC)	D92	204	
Pour Point, °C	D97	-25.0	
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	17.3
	wt%CP		82.5
Aniline Point, °C	D611	111.3	
UV Absorbance, 260-350nm	D2269	<0.1	
Noack, wt%	D5800	-	
Saturates, wt%	D2007	>99	

Packing

Flexi Tanks