



Technical Data

PRODUCT TECH

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TBO PREMIUM BREAK-IN OIL

SAE: 30, 40

>>Description

Torco TBO Premium Break-in Oil is a blend of hydro-processed petroleum base stocks that clean and prepare new surfaces. Since the first start up of a new engine is critical to its life expectancy, TBO utilizes specially selected additives in order to protect vital race engine parts during the first startup. TBO cleansing agents "scrub down" any contaminants left in new engines from the production process and assure good cleansing of freshly machined parts. Using protective anti-wear chemistry allows mating surfaces to gently make contact during first new startup. Torco TBO provides the proper film for new bearing protection and is made to withstand viscosity break down in order to maintain good strong parts separation films. This oil can also be used as a consistent monitor control oil or "reference oil" for engine studies using an engine dynamometer. Torco TBO contains a high percentage of "Zinc" anti-wear chemistry for proper valve train and new cam break-in protection.

>>Features

- >Prepares new surfaces
- >Promotes proper seating of parts
- >High Detergent chemistry
- >Cleans surfaces
- >Good for engine Dyno flush
- >High Zinc content

>>Application

Recommended to be run for 30 minutes or longer on new or rebuilt engines for racing, high performance or street applications. Also, good for running in engines prior to switching to synthetic based motor oils.

>>Typical/Test Data

SAE Grade	ASTM#	SAE 30	SAE 40
Appearance	Visual	Amber	Amber
API Gravity	D-287	29.5	29.4
Lbs/Gal	Tables	7.318	7.323
Specific Gravity @ 15.6/15.6°C	D-1298	0.8789	0.8794
Viscosity @ 100°C	D-445	12.0	15.5
Viscosity @ 40°C	D-445	92.5	137
Viscosity Index	D-2270	122	116
Pour Point, °C	D-97	-12	-12
Flash Point, °C	D-92	232	238
Fire Point, °C	D-92	249	268
TBN	D-2896	10	10

>>Directions

Follow manufacturer's fill level requirements.
Compatible with other petroleum and synthetic lubricants.

>>Package Sizes / P/N

SAE Grade	40
1-Liter (1.056 US QT)	A100040CE
12/1-Liter Case	A100040C
5 Gallon Pail	A100040E
55 Gallon Drum	A100040B



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