



TECHNICAL DATA

PRODUCT DATA SHEET

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TR-1R PREMIUM RACING OILS (PETROLEUM WITH MPZ®)

SAE: 10W-40, 20W-50, 50, 60; GRADE 70

>>Description

Torco TR-1R [Racing Oils](#) come from an original series of motor oils called MPZ® Racing Oils. MPZ® Racing Oils have a long history in many forms of racing, dating back to the 1950's. TR-1R is simply the next generation of the original chemistries and carry out a tradition of superior performance. TR-1R is a special blend of hydro processed petroleum base stocks, special polymers and proprietary additive systems focused on superior performance and engine protection. TR-1R is a tried and proven race formula that offers excellent thermal stability under extreme RPM and high operating temperatures of modern racing engines. It is an MPZ® fortified formula which provides unequalled anti-friction, anti-wear and minimizes frictional losses for increased power. TR-1R protects against scuffing, galling and metal transfer for longer engine life.

>>Features

- > An original MPZ® racing formula
- > Race specific additive technology
- > Superior load carrying and engine protection
- > Excellent ring seal and thermal stability

>>Applications

Recommended for use in high performance street and racing applications. Applications can vary from naturally aspirated, injected, super charged, turbo charged engines found in sport cars (imports & domestic), hot rods, alcohol & nitro drag cars, circle track (modified, sprint cars, midgets) and road racing applications.

TR-1R is formulated to Torco's proprietary race specific additive technology.

Exceeds API performance requirements. Intended for racing applications.

>>Typical/Test Data

SAE/Grade	ASTM#	50	60	70	10W-40	20W-50
Appearance	Visual	Amber	Amber	Amber	Amber	Amber
API Gravity	D-287	27.5	27.25	26.6	29.5	28.25
Lbs/Gal	Tables	7.39	7.42	7.45	7.32	7.37
Specific Gravity @ 15.6/15.6°C	D-1298	0.887	0.891	0.893	0.879	0.885
Viscosity @ 100°C	D-445	21.2	26	35.1	16	21.3
Viscosity @ 40°C	D-445	204	286	418	111	189
Viscosity Index	D-2270	125	117	121	152	125
Pour Point, °C	D-97	-15	-12	-12	-26	-20
Flash Point, °C	D-92	235	243	250	223	229
Fire Point, °C	D-92	250	260	270	234	246
TBN	D-2896	5.2	5.2	5.2	5.2	5.2

>>Directions

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

>>Package Sizes / P/N

SAE/Grade	50	60	70	10W-40	20W-50
1-Liter (1.056 US QT)	A140050CE	A140060CE	N/A	A141040CE	A142050CE
12/1-Liter Case	A140050C	A140060C	N/A	A141040C	A142050C
5 Gallon Pail	A140050E	A140060E	A140070E	A141040E	A142050E
55 Gallon Drum	A140050B	A140060B	A140070B	A141040B	A142050B

