

Big Twin Transmission Oil

PRODUCT DESCRIPTION

Bel-Ray® Big Twin Transmission Oil is a multi-grade transmission oil formulated for sliding contacts of spiral bevel gears in differentials and shaft drive transmissions. It provides superior anti-wear, added power, smooth shifting and gear protection.

Big Twin Transmission Oil is ideally suited for the high pressure and shearing forces unique to Big Twin transmissions. Its distinct red color makes leaks easy to identify in multiple lubrication cavity engines. Premium shear stable, high Viscosity Index base oils prevent lubricant viscosity breakdown caused by heat and sliding/shearing actions of gears.



PRODUCT FEATURES

- Maximum horsepower
- Smoother shifting
- Superior shear stability
- Longer lasting performance
- High temperature protection
- Easy leak detection

BENEFITS

- Superior lubricity minimizes sliding friction for maximum power
- Special lubricity additives reduce sliding friction for exceptionally smooth and quiet shifting
- Resists viscosity breakdown caused by gear shearing action
- Superior oxidation protection prevents thermal oil degradation for extended performance
- High Viscosity Index base oils maintain film strength over a wide temperature range
- Distinctive red color makes transmission leaks easy to detect

APPLICATIONS

- Big Twin transmissions
- Shaft drive transmissions and final drives
- Axles with standard and limited-slip differentials requiring hypoid gear oil

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www.belray.com

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TECHNICAL DATA SHEET



PRODUCT DATA

Typical Properties		
Property	Test Method	85W-140
Density @ 15°C (g/mL)	ASTM D4052	0.8923
Viscosity @ 40°C (cSt)	ASTM D445	334
Viscosity @ 100°C (cSt)	ASTM D445	25.08
Viscosity Index	ASTM D2270	97
Flash Point, °C (°F)	ASTM D92	243 (470)
Pour Point, °C (°F)	ASTM D97	-24 (-11)
Brookfield Viscosity, cP	ASTM D2983	62,500 @ -12°C
Copper Corrosion, 3 h @ 100°C (Rating)	ASTM D130	1b

HEALTH and SAFETY

Health and safety recommendations for products can be found on the Safety Data Sheet (SDS) at www.belray.com

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