

Multigrade Heavy Duty Diesel Engine Oils

Diesel Engine OPAL TX is a high-performance, heavy-duty multigrade diesel engine oil formulated with premium base oils and advanced additives to deliver excellent lubrication, protection, and engine cleanliness in both modern and older diesel engines operating under severe conditions. It meets API CH-4 specifications, making it suitable for high-speed, four-stroke engines, including those using high-sulfur fuel and equipped with EGR systems, while its 20W-50 viscosity ensures reliable cold starting and strong oil film protection at high temperatures, making it ideal for hot climates and heavy-duty applications.

PERFORMANCE, FEATURES & BENEFITS

- **Equipment manufacturer acceptance** OPAL TX multigrade is meets/exceeds for use in a variety of engine application by leading OEMs.
- **Superior Wear Protection** protects critical engine components against wear, scuffing, and corrosion.
- **Excellent Thermal & Oxidation Stability** resists oil breakdown at high temperatures for longer service intervals.
- **High Detergency & Dispersancy** keeps engine parts clean by controlling sludge, soot, and deposit formation.
- **Strong Oil Film Strength** maintains viscosity and lubrication under heavy loads and high temperatures.
- **Extended Drain Capability** supports longer oil change intervals, reducing maintenance costs.

MAIN APPLICATIONS

- Dedicated diesel engine oil performance OPAL TX multigrade has been formulated to provide robust engine performance in a variety of off-highway applications or older on-highway diesel vehicles.
- Construction industry application Engine oil technology is sometimes specified for use in the transmission and hydraulic applications. OPAL TX multigrade offers premium performance and protection for these applications.
- Stationary equipment OPAL TX multigrade is suitable for certain stationary equipment, such as pumps, that run continuously under steady state conditions.

SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

- API: CH-4/CF-4
ACEA E7

PRODUCT SPECIFICATIONS

TEST PARAMETER	TEST METHOD	TYPICAL VALUE
Appearance	Visual	Clear and bright
KV @ 40°C	ASTM D445	128
KV @ 100°C	ASTM D445	18
Viscosity Index	ASTM D2270	≥ 120
Density @ 15°C	ASTM D4052	0.884
Flash Point	ASTM D92	≥ 220
Pour Point	ASTM D97	-27
CCS @ -15°C	ASTM D5293	8800
TBN	ASTM D2896	9.1

* Note: Typical value; may vary slightly. Please contact your SBK representative for the current batch COA (Certificate Of Analysis)