

HEAVY DUTY DIESEL ENGINE OIL / HDEO

PURPOSE

- Lubricate & protect moving engine parts
- Cool engine components operating under extreme heat & pressure conditions
- Detergents keep the engine internals clean to extend engine life
- Antioxidants in the oil prevent sludge, sediment & viscosity breakdown
- Viscosity improvers in the oil maintain the correct flow characteristics so the oil doesn't get too thick or too thin during startup or operation
- Reduce oil consumption & increase fuel economy

TYPES

- SAE Viscosity Grade. SAE grades range from 0 (very thin) to 20 (very thick). SAE is a measurement of viscosity standards as set forth by the Society of Automotive Engineers. Viscosity is the thickness of an oil or lubricant. Thicker oils flow slower at low temperatures.
- Multi-Grade. 10W, 15W or 20W (oil viscosity when cold) and 30, 40, 50, or 60 (oil viscosity when hot). These multi-grade oils can be used year round during all weather seasons.
- Monograde. Used in older engines where hot & cold operating temperature differences are small

CONSIDERATIONS WHEN CHOOSING A DIESEL ENGINE OIL

- Make sure the label includes the symbol(s) showing the oil is approved & licensed by
- Select the grade based on expected hot or cold operating temperatures
- Lower viscosity diesel oils directly affect operator bottom line as they improve fuel economy
- Synthetic diesel oil provides additional protection against heat, wear & tear plus improvements in fuel economy, but at a higher cost
- Synthetic blend CJ-4/SN is a mid-range choice and can be used in both diesel & gas engines for extended drain intervals & for engine durability and protection from wear
- Conventional CI-4+/CI-4 is for heavy duty use & withstands the workload created by diesel motor
- BEX® brand proprietary formula diesel engine oils provide up to 40,000 km or 420 hours performance when used with proper filtration at normal operating conditions
- Check the oil dipstick once per week for oil level and cleanliness
- However, the more often oil is changed, the longer the vehicle lives & the healthier it will be
- Follow the fluid & maintenance recommendations in the owner manual

