

**Premium Heavy Duty
Diesel Engine Oils
Monograde**

**ISO 10, 30, 40, 50
API CF-2, CF/SL, SJ, SH**

American Oil since 1895® Heavy Duty (HD) Monograde Engine Oils are exceptionally versatile premium quality straight grade crankcase oils for both diesel and gasoline engines. Manufactured from selected premium, high viscosity index base stocks and formulated for outstanding performance in both diesel and gasoline engines in severe service and under varying operating conditions.

American Oil since 1895® Heavy Duty (HD) Monograde Engine Oils are recommended for diesel and gasoline engines in over the road fleets as well as off road heavy equipment in severe use. Typical applications are stationary and marine engines, farm, logging, mining and construction equipment where engines may run for long periods at high temperatures and / or set speeds. Particularly recommended for the following performance levels meeting API Service Level CF-2, CF/SL, SJ, SH, SAE 10W certified to API service level CF & CAT TO-4, MIL-L-2104G and 46152B, meets Caterpillar TO-2, Allison C-4 (10W and 30W) and Detroit diesel Series 149.

American Oil since 1895® Heavy Duty (HD) Monograde Engine Oils provide antiwear, rust and corrosion protection, resist oxidation, help prevent sludge and varnish deposits, protect against friction and wear, prevent foam and stay in grade over long periods at elevated temperatures. *Expect Superior Performance* when utilizing American Oil since 1895® Heavy Duty (HD) Monograde Engine Oils in transmissions where straight grade engine oils are recommended such as Series 3 oils, TO-2 and C-4.

Typical Test Data

SAE Viscosity Grade	J300	10W	30W	40W	50W
Specific Gravity, 60°F	D 1298	0.877	0.888	0.89	0.896
Pour Point, °C.	D 97	-33	-21	-18	-15
Flash Point, °C	D 92	216	226	232	249
Viscosity, cSt at 100°C	D 445	6.6	10.8	14.3	18.5
TBN, mg KOH/g	D 4986	8.2	8.2	8.2	8.2
Sulfated Ash % Wt.	D-874	<1.0	<1.0	<1.0	<1.0

The typical test data for these products are intended as averages only. Minor variations, which do not affect each of the product's performance, are expected and are part of the normal manufacturing process. For further information on the safe use and handling of these products, please refer to the appropriate Material Safety Sheet. The information in this data sheet is, to the best of American Oil & Supply Co's knowledge, true and accurate, but all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control.