



## Heavy Duty Mono-Grade Oils

STARFIRE Heavy Duty Mono-Grade Motor Oils are formulated with high viscosity index paraffinic base oils and high performance, additive technology. They're designed for modern day, heavy duty diesel engines operating in both highway and off-highway applications. Recommended for automotive diesel and gasoline engines, it also meets or exceeds the API Service CF-2, CF/SJ classification as well as performance Specifications of Caterpillar TO-2, Caterpillar ECF-1, Allison C-4, Detroit Diesel Series 53, 71 and 92, Mack EO-L and others.

### BENEFITS

- Excellent protection from deposits at all operating temperatures
- Excellent bearing corrosion protection (EGR critical) Excellent anti-wear properties
- Excellent anti-foam properties
- Excellent anti-rust properties
- Excellent soot control

### TYPICAL PROPERTIES

Description	HD 10	HD 20	HD 30	HD 40	HD 50
Pour Point, °C	-44.7	-39	-22	-15	-21
Viscosity: cSt @ 40°C	38	57	91.05	82	228.7
cSt @ 100°C	6.3	9.1	10.91	15.5	20.
Viscosity Index	114.7	115	108.4	105	102
Density (lb/gal)	7.2	7.3	7.3	7.5	7.5