



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/SL 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	STARFIRE HD 10W	STARFIRE HD 30W	STARFIRE HD 40W	STARFIRE HD 50W
Pour Pt °C	-41	-30	-27	-21
Viscosity: cSt @ 40°C	35.9	93.0	141	221
cSt @ 100°C	6.21	11.5	14.5	19.8
Viscosity Index	122	112	101	103
Density (lb/gal) @60F	7.19	7.33	7.42	7.48
Specific Gravity	0.862	0.879	0.890	0.897
Gravity, API	32.6	29.4	27.5	26.2
Color	L2.5	L5.5	L5.5	L5.5