



Product Information: Ultra HD Range

Description

Ultra HD monograde oils are formulated and manufactured using high quality virgin mineral oils and multifunctional additives, to provide excellent performance in both on and off highway applications.

They provide excellent protection against wear, rust and corrosion. They may be used in both petrol and diesel engines as well as transmissions and hydraulic systems, where the equipment manufacturer specifies a lubricant of this performance level and relevant viscosity.

Applications

Ultra HD 30, 40 & 50 are suitable for use in petrol and diesel engines, where grades of this type and performance level are specified.

Ultra HD 10W, 20W & 30 are suitable in some hydraulic and transmission systems in agricultural and off highway applications.

Ultra HD 40 & 50 may be used in gearboxes, where a viscosity grade of this type and performance level is required.

Performance Features

- Excellent anti-wear protection
- Effective control of sludge, soot and piston deposits
- Rust and corrosion protection
- Excellent oxidative and thermal stability

Performance Levels

- API: CF-4/SF/SG (SAE 30, 40 & 50)
- Mercedes Benz: 228.2 (SAE 30, 40 & 50)
- Allison: C4 (SAE 10W & 20W)
- Caterpillar: TO-2 (SAE 10W & 20W)

Typical Data

Characteristic	Unit	SAE 10W	SAE 20W	SAE 30	SAE 40	SAE 50
Density @ 15.6°C	kg/l	0.872	0.881	0.886	0.893	0.896
Kinematic Viscosity @ 40°C	cSt	31	60	95	144	220
Kinematic Viscosity @ 100°C	cSt	5.5	8.5	11.0	14.2	19.1
Viscosity Index		114	105	100	96	98
Flashpoint (Closed)	°C	190	190	200	200	205
Pour Point	°C	-33	-30	-25	-20	-20

Figures based on average production values