

## Brighton Ultra HD

### Mono-grade Lubricant for Diesel Engines

**Brighton Ultra HD** is heavy duty diesel engine oil. It developed primarily for high output naturally aspirated or super- charged diesel engines, operating under severe conditions. It is formulated from high quality base oils and chemical additives. It can be used in diesel-powered equipment both off-highway and over the road types.

### Applications

**Brighton Ultra HD** is suitable for all turbocharged or normally aspirated Diesel engines of civil works machines, trucks, fishing boats, locomotives. Suitable for all Diesel stationary engines (energy production).

**Brighton Ultra HD** is also suitable for gear boxes, torque converters, hydraulic systems when the manufacturer requires an engine oil with an appropriate grade for these applications.

### Customer Benefits

- Mono grade
- High stability in operation
- Very high dispersancy level
- High viscosity index
- Excellent antioxidant, anti-rust and anti-foaming properties
- Excellent anti-wear and anti-corrosion properties

### Performance Level

Meet the quality requirements of major gasoline and diesel engine manufacturers

- API CF
- ACEA A2
- MB 228
- MAN 270
- CATERPILLAR TO2

### Typical Characteristics

PROPERTIES	UNIT	SAE GRADE			
		30	40	50	10W
Volumetric mass at 15 °C	kg/m <sup>3</sup>	890	895	905	880
Viscosity @ 40 °C	mm <sup>2</sup> /s (cSt)	100	150	230	32
Viscosity @ 100 °C	mm <sup>2</sup> /s (cSt)	12	15.5	20	6
Viscosity Index	-	100	100	100	113
Flash point Cleveland	°C	220	230	240	200
Pour point	°C	-18	-15	-9	-33
TBN	mgKOH/g	10	10	10	10