

## TECHNICAL DATA SHEET

# MONOGRADE 20W-20

### High Quality Monograde Oil

#### DESCRIPTION

Engine oils specifically developed for heavy-duty diesel and gasoline engines. Exceptional blending expertise of superior base oils and advanced additive technology allows for operation in extreme work conditions.

#### APPLICATION & USE

It is applied to both turbo charged and naturally aspirated engines. Also intended for use in transmission and hydraulic system of heavy duty vehicles. Intended for the use in heavy duty vehicles, trucks, off-road vehicles and buses.

#### KEY BENEFITS

Oxidation Resistance  
Good Wear Protection  
Exceed SD/CF Engine Requirements.

#### SPECIFICATION

**API: SD / CF, ACEA: E2, DIESEL S3, MB 227.0/228.0, MAN 270, Caterpillar TO-2**

CHARACTERISTICS	METHOD	UNIT	RESULTS
			20W-20
Density 15°	ASTM D-1298	KG/L	0,880
Viscosity at 40°	ASTM D-445	cSt	68
Viscosity at 100°	ASTM D-445	cSt	9
Viscosity Index	ASTM D-2270	-	106
Pour Point	ASTM D-97	°C	-19
Flash Point C.O.C	ASTM D-92	°C	240
TBN	ASTM D-2896	Mg KOH/g	9