

DURA-TORQUE MONO SAE 30 API SG/CF/CF-4

High performance, HYDRO-SYN™ mono-grade engine oil for small capacity petrol and naturally aspirated and turbocharged diesel engines. Also suitable for applications in hydraulic and powershift transmissions.

Description

DURA-TORQUE MONO SAE 30 is an advanced, all season engine oil suitable for naturally aspirated, turbocharged and intercooled diesel engines operating under severe on and off highway conditions.

DURA-TORQUE MONO SAE 30 is suitable for air and liquid cooled smaller capacity mobile and stationary petrol engines.

DURA-TORQUE MONO SAE 30 provides component durability with stay-in-grade viscosity, oil chemistry stability and proven reduced oil consumption.

Application

DURA-TORQUE MONO SAE 30 meets ACEA E1 and earlier specifications. It is suitable for use in earlier JASO designated diesel engines, large stationary engines - marine engines, power generation; small mobile and stationary engines – river pumps, household generators, lawn mowers and other gardening equipment using 4 stroke petrol engines. Dura-Torque Mono 30 can be used in hydraulic and powershift transmissions from Komatsu and Allison where a C4 transmission oil is specified.

DURA-TORQUE MONO SAE 30 is not suitable for late model automotive applications using Catalytic Converters or Diesel Particulate Filters (DPF).

Benefits

- Low temperature pumpability viscosity promotes full lubrication at start-up
- Wear protection of all engine, transmission and hydraulic pump components
- Stay-in-grade viscosity protection
- High temperature protection of critical bearings and shafts in turbochargers
- Eliminates engine sludge and maintains valve-train and piston cleanliness
- Low ash formulation minimises engine and combustion chamber deposits
- Reduced oil consumption
- Suitable for transmissions in agricultural and off-highway equipment

Specifications:

API: SG/CF/CF-4

ACEA: E1

ALLISON C3/C4

CATERPILLAR: TO-2

DETROIT: 7SE-270

MACK: EO-K/2

Mercedes Benz: 227.00/228.00

Backward compatibility:

MIL-L-2104F

MIL-L-46152E

TEST DESCRIPTION	ASTM	TEST RESULT
Description	Visual	Clear/Amber
SAE Viscosity Grade		30
Viscosity, cSt @ 40°C	D-445	82.01
Viscosity, cSt @ 100°C	D-445	10.97
Viscosity Index	D-2270	117
Density @ 15°C, kg/L	D-4052	0.875
Total Base Number, (TBN), mg KOH/g	D-2896	11.3
HTHS @ 150°C, cPa	D-4683	3.45
Cold Crank Viscosity, mPa.s @ -20°C	D-5293	8,004
Pour Point, °C	D-5950	-29
Flash Point (COC), °C	D-92	237
NOACK Volatility, Evaporative Loss @ 250°C	D-5800	6.05%
Sulphated Ash, mass wt%	D-874	1.1
PRODUCT CODE		88801

Typical formulation specifications at time of production, minor variations may occur.

88801v20 DG/GS 3/20