



## AUTOMATIC TRANSMISSION FLUID

# BRAVOIL™

### Technical Data Sheet

## SYNTHPOWER HD 10W

#### PRODUCT DESCRIPTION:

SYNTHPOWER HD 10W is a diesel engine oil designed for use in heavy duty diesel engines, hydraulic systems and transmissions that specify the use of monograde diesel engine oil, an exceptional high-performance hydraulic oil blended from cutting-edge base oils and a precisely balanced additive system, catering to the diverse demands of heavy-duty hydraulic equipment. This product harnesses the power of ashless dispersants and metallic detergents in tandem with inhibitors, effectively controlling oxidation, wear, corrosion, and rust. Its versatility shines through as SYNTHPOWER HD 10W proves equally efficient in a broad spectrum of both on and off-highway hydraulic applications.

#### APPLICATION:

SYNTHPOWER HD 10W is specially designed to complement hydraulic systems and components that accompany equipment from top American, European, and Japanese manufacturers. This hydraulic oil excels in applications involving a wide range of ambient temperatures, making it a reliable choice for diverse environments. Its formulation includes excellent anti-wear properties, making it particularly suitable for hydraulic systems containing gears and bearings. The adaptability of SYNTHPOWER HD 10W extends to various industries, both on and off-highway, including trucking, construction, mining, quarrying, and agriculture. Its exceptional performance ensures optimal functionality and reliability across these demanding sectors.

#### FEATURES & BENEFITS:

- Good protection against oil thickening, high-temperature deposits, varnish, and oil degradation.
- Good anti-wear.
- Wide temperature range performance.
- Protects against rust and corrosion.

#### PERFORMANCE LEVELS: Meets or Exceeds:

- API CD
- API SF
- Eaton 35VQ25

#### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	SYNTHPOWER HD 10W
Kinematic Viscosity @100°C	ASTM D7042	cSt	6.11
Kinematic Viscosity @ 40°C	ASTM D7042	cSt	TBR
Viscosity Index (min)	ASTM D2270	-	140
SP.Gravity @15°C	ASTM D4052	g/cm3	TBR
Total Base Number	ASTM D2896	mg KOH/g	7
Pour Point	ASTM D97	°C	-42
Flash Point	ASTM D92	°C	200

#### DISCLAIMER:

The test data provided is not a final specification; rather, it serves as a guideline and may vary within acceptable production tolerances. Bravoil reserves the right to modify this test data. Any updates will supersede previous versions, so please refer to the most recent Technical Data Sheet (TDS).

#### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website [www.bravoil.ae](http://www.bravoil.ae)

#### HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.bravoil.ae](http://www.bravoil.ae)

#### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

#### STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.