



HYDROL 10W

PRODUCT DESCRIPTION:

HYDROL 10W is a heavy-duty hydraulic oil designed for both on-highway and off-highway applications where SAE 10W grade oil is specified. Formulated from advanced base oils and a balanced additive system, it meets the diverse needs of heavy-duty hydraulic equipment. This high-performance oil provides outstanding anti-wear protection, oxidation and corrosion inhibition, and effectively suppresses foam and aeration.

APPLICATION:

HYDROL 10W is recommended for heavy-duty on- and off-highway mobile hydraulic systems where an SAE 10W viscosity grade is specified. Pump applications require an Eaton-Vickers 35VQ25A hydraulic oil. Hydraulic systems containing gears and bearings where good anti-wear properties are required. On and off-highway industries including trucking, construction, mining, quarrying, and agriculture. Hydraulic systems and components are used in conjunction with equipment from leading American, European, and Japanese manufacturers.

FEATURES & BENEFITS:

- Maximum hydraulic pump protection in on- and off-highway heavy-duty hydraulic applications
- Excellent antiwear protection, oxidation, and corrosion inhibition, as well as foam and aeration suppression
- Wide temperature range performance
- Good protection against oil thickening
- Good protection against varnish and oil degradation

PERFORMANCE LEVELS: Meets or Exceeds:

- Vickers 35VQ25
- Caterpillar TO-2

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	TORQUE 10W
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	38.45
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	6.1
Viscosity Index (min)	ASTM D-2270	-	104
Density@15°C/ 60°F	ASTM D-4052	g/cm3	TBR
Flash Point (min)	ASTM D-92	°C	230
Pour Point (max)	ASTM D-97	°C	-30
CCS, @ -25°C	ASTM D-5293	m.Pa.S	6200

DISCLAIMER: The test data provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this 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 Phoenixlubricants.com