

NISOTEC FLUID V 125



Special hydraulic systems



Anti-wear characteristics



Mineral

NISOTEC FLUID V 125 is a special high performance hydraulic oil designed for use in hydrodynamic couplings, torque converters and retarders. Formulated with high quality mineral base oils and selected additives. It provides excellent anti-wear properties, improved EP properties, rust and corrosion protection, oxidation resistance and anti-foaming properties.

Applications:

- Various types of hydrodynamic transmissions, couplings, torque converters, retarders, etc.
- Various industrial systems, mining and construction machinery, railway locomotives
- Especially suitable for VOITH transmissions

Characteristics	Advantages
Stable viscosity	It maintains a stable viscosity value under conditions of different pressures, which enables precise operation of the system
Excellent anti-wear characteristics	The proven formulation helps to reduce wear and protect components thus extending the life of the equipment
Low tendency towards foaming	A permanent, constant, oil film provides protection against wear in all working conditions
Excellent thermal and oxidation stability	It provides excellent resistance to oil aging and thus enables a longer replacement interval
Exceptional protection against rust and corrosion	Effectively protects all parts of the system, thereby extending the service life of the equipment

Specification:

- ISO 6743-4 (L-HM);
- VOITH 3.625-6058/3.625-6072/3.625-6073;
- VOITH 3.625-8426/3.90-8/3.285-149;
- MTU 1061/8 3.3.1.

Typical characteristics

Characteristics	Method	NISOTEC FLUID V 125
Kinematic viscosity at 40°C, mm ² /s	ISO 3104	32
Kinematic viscosity at 100°C, mm ² /s	ISO 3104	5,30
Viscosity Index	ISO 2909	96
Cu strip corrosion, 3h, 100°C	EN ISO 2160	1a
Pour Point, °C	ISO 3016	-30
Flash Point (COC), °C	EN ISO 2592	210
Density at 15°C, kg/m ³	EN ISO 3675	873

Health, Safety and Environment

Information on the safe handling, storage and disposal of the product, as well as information on precautionary measures and potential hazards, effects on human health and the environment can be found in the Product Safety Data Sheet (SDS). Store the product in its original packaging protected from atmospheric influences. Shelf life 5 years from the date of manufacture.

Available packaging



205L



1000L