

TECHNICAL DATA SHEET

NASA Hydraulic Oil 46

SECTION 1: Product Description & Advantages

1.1 Product Description

Hydraulic Oil VG 46 is a premium quality antiwear lubricant blended using selected and carefully refined high-quality mineral oils. It is combined with a multi-functional additive system and is available in a viscosity range of ISO Grade 46. It is applicable in hydraulic system of industrial and marine equipments as well as in mobile machinery.

1.2 Advantages

1. **Good anti-wear performance** - prevents wear of internal components reducing downtime.
2. **Resistant to oxidation** - extends service life.
3. **Good water separation** - reduces downtime and prolongs lubricant's life.

SECTION 2: Typical Data

Property	Method	Result
Kinematic Viscosity, cSt @ 40 °C	ASTM D 445	46.82
cSt @ 100 °C	ASTM D 445	7.142
Viscosity Index,	ASTM D 2270	111
ASTM Color	ASTM D 1500	L2.5
Specific Gravity at 85 °F	ASTM D 4052	0.8825
Foaming Characteristics, Sequences 1, 2, and 3,	ASTM D 892	10/0 10/0 0/0
Pour Point, °C	ASTM D 97	-27
Flash Point (Open Cup), °C	ASTM D 92	246



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