

TECHNICAL CHARACTERISTICS

HIDROBAK 46

PRODUCT CODE: 4106

PRODUCT DESCRIPTION

Highly refined paraffinic mineral oil containing anti-oxidant, de-former, corrosion inhibitor, anti-wear additives.

SPECIFICATIONS

ISO VG 46, ISO 3498/6743-4 HM, DIN 51524 TEIL 2 = HLP, DENISON HF2 level

TEST DESCRIPTION

TEST DESCRIPTION	METHOD	UNIT	TYPICAL VALUE
APPEARANCE	--	--	CLEAR
DENSITY 15°C	ASTM D 4052	g/cm ³	0.865 - 0.885
VISCOSITY @ 40°C	ASTM D 445	cSt	41.4 - 50.6
FLASH POINT Cl. O. C.	ASTM D 92	°C	> 210
ACIDITY NUMBER	ASTM D 974	mg KOH/g	MIN 1
SAPONIFICATION No.	ASTM D 94	mgKOH/g	MAX 2.5
VISCOSITY INDEX	ASTM D 2270	--	> 95
IMPURITIES (WATER INCLUDED)	ASTM D 96	-	NONE
COPPER CORROSION (3h/100°C)	ASTM D 130	--	1 B

All technical data is provided for reference only.

APPLICATION

This viscosity grade is particularly suited to lubricate of hydraulic systems that require high-level of anti-wear performance. Wear in the hydraulic transmission results in greater backlash in mechanical coupling with a consequence increase in leaks and variation in the pressure to be maintained.

Excellent oil life and 'keep clean' properties.

RESEARCH & DEVELOPMENT

08/2013