

NS 8 is a low viscosity hydrotreated naphthenic oil, with excellent low temperature properties and a relatively high refining degree.

Applications

NS 8 is a very flexible product that can be used in different applications, including hydraulic fluids, shock absorbers, and in a large variety of metalworking fluids, such as grinding, honing, lapping, turning, sawing, and threading fluids, as well as in drawing and copper rolling fluids.

Performance and benefits

NS 8 has excellent low temperature properties. Having a relatively high degree of refining, it possesses low aromatic content, while providing good solvency.

Product description

NS 8 is a hydrotreated naphthenic base oil, classified as an API Group V base oil.

There's more to us than this

We're delighted you chose one of our base oils. If you have any questions about other products and services, get in touch with your local Nynas contact. Besides top quality oils, we offer a wide range of services, including rapid delivery worldwide, training, seminars and much more. All you have to do is ask. Find out more at www.nynas.com



PROPERTY	UNIT	TEST METHOD ASTM	SPECIFICATION LIMITS		TYPICAL DATA
			MIN	MAX	
Density, 15°C	kg/dm ³	D 4052	0.870	0.885	0.879
Viscosity, 40°C	mm ² /s (cSt)	D 445	7.0	8.0	7.6
Viscosity, 100°C	mm ² /s (cSt)	D 445			2.1
Viscosity, 100°F	SUS	D 2161			53
Flash Point, PM	°C	D 93A	140		145
Pour point	°C	D 97		-45	-63
Copper Strip, 3 hrs		D 130		1	1
Sulphur	%	D 2622			0.01
Aniline Point	°C	D 611	72	80	76
Refractive Index, 20 °C		D 1747			1.479
Colour, Saybolt		D 156	+15		+30
Colour		D 1500			<0.5
Total Acid Number	mg KOH/g	D 974		0.03	<0.01
Hydrocarbon Type Analysis		IR-method			
C _A	%				6
Carbon-Type Composition		D 2140			
C _A	%				4
C _N	%				52
C _P	%				44
Appearance at 15°C		D 4176	Clear and bright		Clear and bright
DMSO extractible compounds	Wt %	IP 346		3.0	1.0

Severely Hydrotreated Base Oil
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