

Petrene 900

Identification ¹

CAS number: 84961-70-6

EC number: 284-660-7

CAS number: 85117-41-5 (only for Canada)

EC number: 284-591-5 (only for Canada)

Description

Petrene 900, heavy alkylate (HAB), is an aromatic oil based primarily on dialkylbenzenes, obtained while producing Linear Alkyl Benzene (LAB).

Application

Petrene 900 is used as lubricant for A/C compressors, heat transfer oil, dielectric fluids for transformer cooling, lubricating greases, additive on diesel engine oils, sulfonated additive (surfactant additive for oils and for Enhance Oil Recovery), greases and synthetic lubricants (industrial lubricant for low temperatures) and others (solvent for tar, inks, metal surface treatment products, plastic materials).

Typical properties

Property	Unit	Method	Typical Value
Density @ 15°C	g/ml	ASTM D 4052	0,86
Color			
Gardner		ASTM D 1544	6
ASTM		ASTM D 1500	2
Flash point	°C	ASTM D 93	>180
Linear alkybenzene	%wt	UOP 696	4-6
Aniline point	°C	ASTM D 611	>62
Boiling range		ASTM D 86	
IBP	°C		300
FBP			408
Viscosity @ 40°C	cSt	ASTM D 445	17-20
Water	ppm	UOP 481	<50
Molecular weight	g/mol	GC-MS	370-390
Bromine number	g Br/100g	ASTM D 1159	0.2

*All the data provided does not imply the replacement of the Moeve Specification Sheets or Safety Sheets.

¹ For the latest updates on these numbers, please consult the safety data sheet available at: chemicals.moeveglobal.com

Standard packaging

Available in trucks, flexitanks 20ft and Isotanks.

Storage and handling

Store in accordance with local regulations
Carbon steel is preferred for pipes and storage.
For more information, refer to the Safety Data Sheet.

Health and safety

Refer to the Material Safety Data Sheet (MSDS).