

IQ CHEM SOLUTIONS

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IQ CHEM SOLUTIONS
SPECIALITY CHEMICALS

TECHNICAL DATA SHEET

ICS 45 **GREASE TACKIFIER**

DESCRIPTION

- **ICS 45** is liquid concentrate of a synthetic mixed copolymer recommended primarily as a tackiness improver for wide range of lubricants, greases, cable jelly & specialty products particularly where excellent tackiness & lubricity at wide range of temperature along with moderate shear stability is desired.
- In this respect, ICS 45 exhibits outstanding characteristics and controls the tackiness over wide temperature range & friction forces due to specific strong film stabilities.
- It helps in preventing spattering, dripping and wiping off from surface of the systems.
- Also it helps to restrict bleeding of lubricants or greases operated at high temperature & high speed due to high Tackiness & lubricity. It has good insulating performance.
- ICS 45 can be used in several industrial lubricants and greases like rust preventives, wire rope lubricants, cable jelly, chain oils, textile machine oils, rock drilling oil, open gear compounds and railroad greases etc.
- It gives excellent anti-splashing properties to textile yarn during high speed weaving process thus extends higher pick up and controlled splashing.
- ICS 45 gives excellent water repellent property.
- ICS 45 improves water washout performance in Lubricants, Greases, Rust preventives.
- DOSAGE% - 0.1-2.0% as per performance requirements.

SPECIFICATION:-

• TEST PARAMETER	• VALUES
• Appearance	• Clear Tacky Viscous liquid
• Viscosity @ 100°C, Cst, min	• 1380
• Flash Point, °C, min.	• 166
• Density @ 15°C, gm/cc	• 0.85-0.86
• Color, ASTM, Max	• ≤0.5