

Technical Data Sheet

23 January 2013

STYRENATED LINSEED STAND OIL

KULAC LLS 60W/60

Kulac LLS 60W/60 is a 60% solids styrenated linseed stand oil in aliphatic solvent specifically formulated for use in air drying metallic finishes. **LLS 60W/60** exhibits excellent flow and durability with normal air dry enamel drying times. Additionally, **LLS 60W/60** has good colour providing coatings with outstanding clarity and brightness.

Application Areas

Kulac LLS 60W/60 may be used in the formulation of brush, roller or spray applied:

- Metallic aluminium or bronze coatings finishes
- Other coatings where a low acid value vehicle is beneficial to prevent acid/pigment interactions.

Physical Characteristics

Parameter	Units	Limits
Oil Length ³	%	± 60
Oil Type ³	Nil	Linseed
Non-Volatile Content	%	60 ± 2
Viscosity (25°C)	Gardner	K – T
Viscosity (25°C) ³	Poise	3 - 5
Acid Value (on solids)	mg KOH/g	5 Max.
Colour	Gardner	5 Max.
Clarity	Nil	Clear ⁴
Specific Gravity (25° C) ³	Nil	± 0.90

Compatibility Characteristics^{2, 3}

Solvents	Compatibility
Alcohols	Limited
Aliphatics	Compatible
Aromatics	Compatible
Esters	Compatible
Ketones	Compatible

Other Film Formers³

Amino Resins	Incompatible
Bodied Oils	Compatible
Chlorinated Rubber	Limited
Drying Oils	Compatible
Long Oil Alkyds	Compatible
Isocyanates	Compatible

B. K. Drying Times^{1, 3}

Touch Dry	Hours	± 1.5
Hard Dry	Hours	± 2.5

Note:

¹ Sample containing 0.05% Co and 0.5% Pb on resin solids reduced to 100 seconds Ford 4 with white spirits and matured for 48 hours. The varnish is subsequently applied at a 75µ wet film thickness to glass panels and allowed to dry under laboratory conditions.

² Compatibility characteristics are provided for guidelines only. Combinations should be thoroughly checked before use.

³ These parameters are provided for information purposes only and do not form part of the product specification.

⁴ Product may have slight haze in bulk, particularly at low storage temperatures.

Suggested Usage

Kulac LLS 60W/60 may be used in any application where its' combination of fast drying, hardness, low acid value and chemical/moisture resistance are of benefit.

Packaging

Kulac LLS 60W/60 is available in mild steel drums of 190 Kg net. For alternative packaging requirements please contact our Sales Department.

Storage Stability and Safety

Kulac alkyd resins should be stored below 30°C in a cool, dry position away from direct sunlight or other heat sources. Under these conditions the resins will have a shelf life of one year.

Kulac alkyds should additionally be stored and handled in accordance with local statutory regulations.

No warranty or guarantee, express or implied, is made regarding the suitability of this product for any application since the customer's product formulation and manner of use are beyond our control.

KCMC are committed to improving all aspects of our product range through continued research and development. As such product composition and/or specifications may change without notice.