Technical Data Sheet

Formerly Known As: **Shell Harvella T 15W-40**

Shell **Spirax *S3 T***

Premium Performance, SAE 15W-40, Universal Tractor Oil

Shell Spirax S3 T Oil is 'Super Tractor Oil Universal' (STOU) oil designed for use in a wide variety of modern agricultural equipment. They are a blend of high viscosity index base oils and an advanced additive package designed to give reliable performance in a wide range of farming applications.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Practical, convenient and multi-functional**
  One oil for many lubricant applications around the farm.
- **High performance**
  The high performance capabilities of Shell Spirax S3 T can help maintain the life of all mechanical components preventing metal fatigue and early wear of all working parts.
- **Excellent gear protection**
  Protects against scuffing, pitting and wear of all transmissions, gears and bearings.
- **Jerk-free hydraulic operation**
  Use of quality base oils to ensure consistent low temperature viscosity characteristics ensures smooth operation of hydraulic pumps and rams.
- **Excellent anti-corrosion properties**
  Excellent protection for all working parts.
- **Universal performance**
  Suitable for many types of tractor transmission/hydraulic systems:
- Oil immersed brakes
- Powershift Transmissions
- hydraulics
- Power Steering Systems
- Hydrostatic Transmissions
- Conventional Gear Drive Systems

Main Applications

Specifications, Approvals & Recommendations

- Massey Ferguson M-1139, M-1144, M-1145
- Caterpillar TO-2
- John Deere JDM J27
- ZF TE-ML 06B, 06Q, 07B
- API Service Classification : GL-4
- Can be used in applications requiring API CF-4 / SF performance level

  For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Typical physical Characteristics

Properties			Method	Shell Spirax S3 T
SAE Viscosity Grade			J 300	15W-40
Kinematic Viscosity	@100°C	mm^2/s	ISO 3104	14.5
Viscosity Index			ISO 2909	135
Density	@15°C	kg/m^3	ISO 12185	890
Flash Point (COC)		°C	ISO 2592	226
Pour Point		°C	ISO 3016	-27

These characteristics are typical of current production. Whilst future production will conform to Shell's specification,

variations in these characteristics may occur.

Health, Safety & Environment

- **Health and Safety**

  Shell Spirax S3 T is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

  Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

  Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from https://www.epc.shell.com

- **Protect the Environment**

  Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

- **Advice**

  Advice on applications not covered here may be obtained from your Shell Representative.