

SHELL INDUSTRIAL LUBRICANTS – SECTOR WISE APPLICATION & TECHNICAL BENEFITS



1 General Manufacturing

- **Shell Tellus Hydraulic Oils:** Reliable hydraulics, energy efficiency, reduced wear.
 - **Shell Morlina Bearing and Circulation Oil (High-speed Spindle Oil):** Clean, oxidation-resistant lubrication for bearings and circulation.
 - **Shell Gadus Greases:** High load-carrying, water-resistant, long re-lubrication intervals.
 - **Shell Corena Compressor Oils:** Cleaner compressor operation, extended oil life.
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2 CNC Operating Machineries

- **Shell Tonna CNC Slideway Oils:** Prevents stick-slip, ensures precision and smooth slide movement.
 - **Shell Omala Gear Oils:** Protects gearboxes, high load performance.
 - **Shell Gadus Greases:** Long-lasting lubrication for high-speed components.
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3 Robotics & Automation

- **Shell Tellus Hydraulic Oils:** Reliable hydraulic actuation in robotic arms.
 - **Shell Gadus Greases:** Precise, durable lubrication for joints and gear mechanisms.
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4 Textile Industry

- **Shell Tellus Hydraulic Oils:** Fast, clean hydraulics in looms.
 - **Shell Omala Gear Oils:** Gearbox operations, supports high-speed Gearboxes in Textile Looms, protects heavily loaded industrial gears from wear, micropitting resistance, energy efficiency
 - **Shell Morlina Bearing and Circulation Oils (High-Speed Spindle Oils) :** Spindle and bearing lubrication under high speeds.
 - **Shell Gadus Greases:** Quiet, clean-running textile machinery lubrication.
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5 Textile Process Industry – Dyeing & Bleaching

- **Shell Heat Transfer Fluids:** Stable, sludge-free heat exchange for dyeing vessels.
 - **Shell Tellus Hydraulic Oils:** Hydraulic control in dyeing machines and presses.
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6 Construction Industry

- **Shell Rimula Diesel Engine Oils:** Wear protection, extended drain intervals in heavy machinery.
 - **Shell Spirax Axle/Transmission Oils:** Smooth shifting, protects transmissions.
 - **Shell Tellus Hydraulic Oils:** Hydraulic systems in cranes and excavators.
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7 Thermic Fluid Heater Applications

- **Shell Heat Transfer Thermic Fluids:** Excellent heat stability, extended fluid life, sludge resistance.
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8 Rotary Air Compressors

- **Shell Corena Compressor Oils:** Low deposit formation, efficient operation, extended oil life.
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9 Stone Crusher Plants / Mining & Quarrying

- **Shell Omala Gear Oils:** Withstands heavy shock loads in crushers and conveyors.
 - **Shell Gadus Greases:** Water and dust-resistant grease for pins, bushings.
 - **Shell Rimula Diesel-Engine Oils:** Heavy-duty engine protection in dusty conditions.
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10 RMC Plants & Concrete Mixer Vehicles

- **Shell Rimula Diesel-Engine Oils:** Protects engines during continuous loading cycles.
- **Shell Spirax Axle/Transmission Oils:** Reliable transmission operation.
- **Shell Gadus Greases:** Grease for mixer drum bearings and pivot points.



1 1 Heavy Duty Transport Vehicles / Fleet

- **Shell Rimula Diesel-Engine Oils:** Cleaner engines, fuel efficiency, lower maintenance.
- **Shell Spirax Axle/Transmission Oils:** Axle and transmission protection.
- **Shell Coolant:** Prevents overheating, corrosion protection.



1 2 Power Industry

- **Shell Turbo Turbine Oils:** Keeps turbines clean, excellent oxidation resistance.
- **Shell Diala Transformer Oils:** Electrical insulation, thermal stability.
- **Shell Corena:** Compressors for instrument air systems.
- **Shell Heat Transfer Oils:** Stable, efficient heat transfer.



1 3 Wind Sector

- **Shell Omala S4 GX:** Gearbox protection, extended oil life.
- **Shell Gadus:** Pitch/yaw bearing lubrication.
- **Shell Coolant:** Protects generator cooling systems.



1 4 Marine Engines

- **Shell Argina & Gadinia:** Controls deposits in medium-speed marine engines.
- **Shell Corena:** Compressor protection in humid conditions.
- **Shell Coolant:** Marine engine block protection.



1 5 Stationary Engines

- **Shell Mysella:** Gas engine oil, oxidation and nitration resistance.
 - **Shell Argina:** Diesel engine cleanliness, TBN retention.
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1 6 Metal Industry

- **Shell Tonna:** Smooth CNC and slideway operation.
 - **Shell Omala:** Gear protection under heavy loads in mills and presses.
 - **Shell Morlina:** Clean, stable lubrication in rolling lines.
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✓ Technical Benefits Across All Sectors:

- ✓ Longer equipment and oil life
- ✓ Reduced wear and downtime
- ✓ Energy-efficient operation
- ✓ System cleanliness and reliability
- ✓ Stable performance under heavy loads and harsh conditions