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Shell

ROTELLA T

| Inspection Data | MAG 1 15W-40 | Shell Rotella T 15W-40 |
|-----------------------|--------------|------------------------|
| Gravity, °API | 30.1 | |
| Flash °C (°F) | 222 min. | 229 |
| Viscosity @ 40°C cSt | 114.8 | 120 |
| Viscosity @ 100°C cSt | 15.32 | 15.7 |
| Pour Point °C (°F) | -36(-27) | -36(-27) |
| Viscosity Index | 140 | 139 |
| CCS @ Temp. °C cPs | 6620 @ -20 | 6300 @ -20 |
| Color | 2.5 | 4.0 |
| Sulfated Ash, wt. % | <1.0 | 1.0 max |
| TBN,mgKOH/g | 10 | 10.1 |

**MAG 1 meets critical specifications by major OEM manufacturers:
API CJ-4/SM, CI-4/Plus, CI-4, CH-4, CG-4, ACEA E&-04, Allison C-4,
Caterpillar ECF-3, ECF-1, TO-2, Cummins CES 20081, Global DHD-1,
JASO DH-2, MACK EO-0 Premium Plus '07, MAN 3275, Mercedes
Benz 228.3, MTU Type 1, Type II, Volvo VDS-4, VDS-3, VDS-2**

Applications Include:

- Over the Road Fleet Equipment
- Offroad/Construction Equipment
- Ag Equipment Diesel Engines
- Light and Medium Duty Diesel Pick-Up Specifications

Superior Chemistry. Superior Performance.

Tremendous Savings!



VS



MAG 1 realizes that heavy duty diesel lubrication needs are more demanding and complex than ever. Only the most advanced oils can meet the difficult challenge of effectively balancing durability, extended drain intervals and emission control. MAG 1 Fleet Engine Oils are specially engineered for heavy duty diesel and gasoline engines operating under all service conditions.

Benefits of MAG 1 Fleet SAE 15W-40 (CJ-4/SM) include:

- High detergency and superior dispersancy keep engines clean and soot suspended in the oil despite longer drain intervals and increased soot loading
- Exceptional resistance to thermal degradation under the most severe operating temperatures, prevents viscosity increase and the deposit formation and wear that can result
- Superior anti-wear agents extend engine life during high operating temperatures and extended service intervals
- High TBN provides added protection against acid build-up that can cause rust and corrosion
- Very reliable performance over a wide range of temperatures, including severe cold resulting in ease of starting

Superior Chemistry. Superior Performance.

Shell Rotella T is a registered trademark of SOPUS Products.