

## Description

PRONTO (SP) 15W-40 CK-4 12/1Q

Inspection Information	Test Method	Typical Value
Gravity, °API	ASTM D287	30.1
Specific Gravity at 60°F (15.6°C)	ASTM D4052	0.8756
Flash Point, °C	ASTM D92	224
Flash Point, °F	ASTM D92	435
Viscosity at 40°C, cSt	ASTM D445	116.2
Viscosity at 100°C, cSt	ASTM D445	15.56
Viscosity Index	ASTM D2270	141
Pour Point, °C (°F)	ASTM D5950	-36°C (-33°F)
Cold Cranking Simulator at (°C), cP	ASTM D5293	5850 (-20)
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	4.2
Noack Volatility, % loss	ASTM D5800	10
Color	ASTM D1500	3
Zinc, wt. %	ASTM D5185	0.127
Phosphorus, wt. %	ASTM D5185	0.115
Calcium, wt. %	ASTM D5185	0.105
Sulfur, wt. %	ASTM D4951	0.32
Magnesium, wt. %	ASTM D5185	0.1
Molybdenum, wt. %	ASTM D5185	0.0066
Sulfated Ash, wt. %	ASTM D874	0.99
Nitrogen, wt. %	ASTM D4629	0.105
Pumping Viscosity at (°C), cP	ASTM D4684	20,000 (-25)
Foam Seq. I (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Foam Seq. II (Tendency/Stability), mL	ASTM D892 (Opt. A)	10/0
Foam Seq. III (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Total Acid Number, mgKOH/g	ASTM D664	2.9
TBN, mgKOH/g	ASTM D2896	10

## Claims Information

ACEA E9, E7	Meets Requirements
Allison C-4	Suitable for Use
API CI-4 Plus, CI-4, CH-4, CG-4, CF-4, CF-2, CF	Meets Requirements
API CJ-4	Meets Requirements
API CK-4	Approved
API SJ, SH, SG, SF, SE, SD, SC	Meets Requirements
API SL	Meets Requirements
API SM	Meets Requirements
API SN	Approved
CAT ECF-3, ECF-2, ECF-1-a	Meets Requirements
Chrysler/Fiat MS-10902	Meets Requirements
Warren Distribution recommends this product in applications specifying CES 20081, 20077, 20076	Meets Requirements
Warren Distribution recommends this product in applications specifying Cummins CES 20086	Meets Requirements
Detroit Diesel 93K218, 93K215, 93K214	Meets Requirements
Detroit Diesel 93K222	Meets Requirements
Ford WSS-M2C171-E	Meets Requirements
Ford WSS-M2C171-F1	Meets Requirements
Global DHD-1	Meets Requirements
JASO DH-2	Meets Requirements
Mack EO-O Premium Plus, EO-N Premium Plus 03, EO-M Plus, and prior	Meets Requirements
Mack EOS-4.5	Meets Requirements
MAN 3275	Meets Requirements
MAN 3575	Meets Requirements
MB 228.3, 228.31	Meets Requirements
MTU 2.1	Meets Requirements
MTU Type I, Type II	Meets Requirements
Renault RLD-4	Meets Requirements
Volvo VDS-4, 3, 2	Meets Requirements
Volvo VDS-4.5	Meets Requirements
Warren Distribution recommends this product as suitable for use in applications specifying Allison TES-439	Suitable for Use