



## CHEMPOL 61458

Optimum Protection for TGD  
Designs

### PRODUCT DESCRIPTION

CHEMPOL61458 is a new additive technology formulated to exceed the performance requirements of the current API SP ILSAC GF-6A specification and address the enhanced performance demands of the latest turbocharged gasoline direct injection (TGDI) engine designs. These engines represent a more severe application for the lubricant.

### DOSAGE RECOMMENDED (WT%)

Performance level	SAE Viscosity Grade	Dosage
API SP-RC, ILSAC GF-6A	0W-20, 0W-30, 5W-20, 5W-30, 10W-30	8
API SP-RC	5W-40, 10W-40	8

### PRODUCT CHARACTERISTICS

Item	Index	Typical Value	Test Method
Appearance	Brown Viscous Liquid	Brown Viscous Liquid	Visual
Kinematic Viscosity (100°C) mm <sup>2</sup> /s	110-150	128	ASTM D445
Density (15°C), kg/m <sup>3</sup>	950-990	970	ASTM D4052
Flash Point (COC), °C	≥140	<200	ASTM D92
TBN, mg KOH/g	88-94	91	ASTM D2896
B Content, m%	0.21-0.25	0.23	ASTM D5185
Ca Content, m%	1.38-1.50	1.44	ASTM D5185
Zn Content, m%	0.92-1.02	0.97	ASTM D5185
P Content, m%	0.83-0.93	0.88	ASTM D5185
N Content, m%	1.00-1.20	1.10	ASTM D5291
Mg Content, m%	0.52-0.60	0.56	ASTM D5185
Mo Content, m%	0.08-0.10	0.09	ASTM D5185
Sulphated Ash	9.5-10	9.7	ASTM D874

### PACKING, STORAGE AND TRANSPORTATION

Please refer MSDS of this product when storing, shipping, handling and using this product. It is nonflammable, non-explosive and non-corrosive. The highest storage temperature shall not exceed 75°C. For long term storage, the highest temperature shall not more than 45°C. For product details of safety, health and environmental precautions, please refer to the MSDS of this product.