



GROUP III BASE OILS

PRODUCT DESCRIPTION:

Demand is on the rise for high-quality automotive lubricants due to tighter regulations on exhaust gas emissions worldwide. Demand is also growing for industrial lubricants such as high viscosity index (HVI) hydraulic fluid. Produced from a two-stage hydrocracking process, Group III is a premium base oil that meets these demands.

TYPICAL PROPERTIES:

TEST	METHOD	4cSt	6cSt	8cSt
Kinematic Viscosity @ 212°F / 100°C, cSt	ASTM D-445	4.0 - 4.5	5.6 - 6.2	7.6 - 8.2
Kinematic Viscosity @ 104°F / 40°C, cSt	ASTM D-445	report	report	report
Viscosity Index	ASTM D-2270	min 120	min 120	min 120
SP. Gravity @ 15°C / 60°F, g/cm ³	ASTM D-4052	report	report	report
Flash Point, °C	ASTM D-92	min 200	min 220	min 240
Pour Point, °C	ASTM D-97	max (-)12	max (-)12	max (-)12
Color	ASTM D-1500	max L0.5	max L0.5	max L0.5
Water, ppm	ASTM D-6304	<60	<60	<60
Acid Number, mgKOH/gm	ASTM D-664	< 0.05	<0.05	<0.05
NOACK VOLATILITY, wt. %	ASTM D5800	<18	<8	<7
COLD CRANKING VISCOSITY, mPa.s	ASTMD5293	<3500 at (-) 35°C	<4000 at (-) 30°C	<4500 at (-) 25°C

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS.