

ZEAL ZL 1100

ADDITIVE FOR LUBRICATING OIL – VISCOSITY INDEX IMPROVER

PRODUCT DATA SHEET



PRODUCT DESCRIPTION

ZEAL ZL 1100 VISCOSITY INDEX IMPROVER Is a complex polymer additive that expands at elevated temperatures to thicken the lubricant and ensure a more stable and consistent viscosity.

APPLICATION

ZEAL ZL 1100 IS DESIGNED TO FORMULATE MONOGRADE & MULTIGRADE GASOLINE AND DIESEL ENGINE OILS.

RECOMMENDED DOSAGE

Grade of Oil	Treat Rate %	Expected Viscosities
15W40	10.5 to 11.5	14.2 cst to 15.3 cst
20W50	10 to 11.5	18 cst to 19 cst
SAE 50	9-10	19 cst to 20.5 cst
SAE 40	4-5	14 cst to 15 cst

TYPICAL PHYSICAL CHARACTERISTICS

Zeal ZL	Test Method	Units	1100
Density @ 15 °C	ASTM D 4052	gm/cc	0.8952
Viscosity @ 100 °C	ASTM D 445	cSt	1050-1250
COLOR	ASTM – D1400	cSt	<2
APPEARANCE			C&B
Flash Point (COC)	ASTM D 93	°C	200
BLOT TEST			PASS

These characteristics are typical of current product methods whilst future production will confirm to Zeal lubricants specifications, variations in these physical characteristics may occur.