



The Ultimate Lubricant

631

DESCRIPTION:

OMEGA 631 Superior Quality Engine Oil is a unique neutral engine oil engineered to optimize engine performance with its high purity lubrication characteristics. Guaranteeing an unmatched lubricity, OMEGA 631 significantly extends oil change periods and improves resistance to oxidation and corrosion. Its high viscosity ensures superior engine protection in the most demanding operating conditions and fluctuation in temperatures. OMEGA 631 is the genuine all-climate super engine oil.



QUALITY BASE STOCKS:

OMEGA 631 is manufactured from the highest quality Pennsylvania paraffinic neutral base stocks. This top quality base oil eliminates saturation caused by unfavorable molecular activity and oxidation. The paraffinic base stocks used by OMEGA are considered by petro-engineers as the finest that money can buy.



KEY BENEFITS:

- ❑ Optimized engine efficiency, yet with longest top-up / oil change cycle
- ❑ Suitable for use under extreme climatic conditions
- ❑ Genuinely made from prime Pennsylvania paraffinic neutral oils for the most reliable and outstanding lubrication performance
- ❑ Proven built-in versatility for the widest applications in virtually all engines – reduce stock-keeping costs for commercial fleets & industrial plants
- ❑ OMEGA's state-of-the-art proprietary Megalite* supplements coat and protect surfaces to minimize metal-to-metal contact

RESIDUE RESISTANT:

OMEGA 631 Super Quality Engine Oil offers outstanding lubricity as well as performance stability at high temperatures, therefore 'boiling-off' is prevented and effective lubrication is ensured. The risk of "boiling-off", normally as one of the major causes of carbon build-up with ordinary engine oils, is minimized with the application of OMEGA 631.

ADDITIVE PACKAGE ADVANTAGE:

OMEGA 631 Superior Quality Engine Oil is formulated with the most advanced additive package featuring the OMEGA's proprietary Megalite* supplements. OMEGA Megalite* enhances the overall lubricity by its unique polymeric protection characteristics.

OMEGA 631's advantageous additive package also contains detergent and dispersant additives that keep rocker covers, valve lifters, oil screens, pistons rings and lubricate surfaces free from harmful sludge.

APPLICATIONS:

MEGA 631 Super Quality Engine Oil is approved for applications in all high performance gasoline engines. It is specially recommended for Rotary Engines.

OMEGA 631 is also suitable for gasoline (petrol) and light-duty, naturally aspirated diesel engines.

OMEGA 631 meets or exceeds the following operational specifications:

- ❑ Ford M2C-153E
- ❑ Rover RES.22.OL.G-4
- ❑ Mercedes Benz MB 229.1
- ❑ Volkswagen 502/505
- ❑ API Service Classifications: SM, SL, SJ/CF, CD
- ❑ ACEA Classifications: A3/B3/B4-08



OMEGA 631 meets or exceeds the engine specifications of major auto-manufacturers

TYPICAL DATA:

TEST	ASTM TEST METHOD	TEST RESULT
		SAE 10W40
Appearance	-	Red
Density, Kg/L	D-1298	0.885
Viscosity, cP	D-2602	3063 at -25°C
Viscosity, cSt @ 40°C	D-445	103.3
Viscosity, cSt @ 100°C	D-445	14.0
Viscosity Index	D-2270	137
Flash Point, COC, °C (°F)	D-92	223(433)
Pour Point, °C (°F)	D-97	-36(-33)
Total Base Number, mg KOH/g	D-2896	8.88
Foaming Characteristics -		
All Sequences, After 10 Minutes Settling	D-892	Nil
Ash, Sulphated, % Mass	D-874	1.068
Calcium, % Mass	D-4951	0.273
Zinc, % Mass	D-4951	0.114
Nitrogen, % Mass	D-5291	0.081
Phosphorus, % Mass	D-4951	0.104

The characteristics given above are typical of current production only and slight batch to batch variations should be expected.