

BEHRAN PARAFFIN WAX

INTRODUCTION

Wax is an organic, plastic - like substance that is solid at ambient temperature and becomes liquid when melted.

In general terms waxes are naturally or synthetically derived.

Crude oil is transported to refineries where it is refined into finished products by complex processes. One of the many products derived from refining is lube/base oils. The waxes are produced in the

lube / oil refining process.

Petroleum waxes as a mixture of hydrocarbons are classified in three general categories. They include microcrystalline, macrocrystalline and semi-microcrystalline paraffin wax. Behran Paraffin Waxes are macrocrystalline and provide a wide variety of physical characteristics such as oil content and melting point,... can be used in a wide range of Industries.

PRODUCTION OF PETROLEUM WAXES

Base oils are produced in a series of steps which are designed to enhance certain desirable properties such as viscosity index, low temperature properties...

In base oil production process, the solvent extracted lube fraction is dewaxed by chilling to a low temperature which removes much of

the wax.

This improves the low temperature fluidity of the product, and produces dewaxed lube fractions and slack wax. Chart 1 illustrates refining process in Behran oil Co. Through deoiling / sweating of slack wax, paraffine waxes are obtained.

SYSTEM CERTIFICATION

www.behranoil.com , E-mail: export@behranoil.com

BEHRAN

Fax: +98 21 22284302

