

# IT'S THE BIGGEST REFINING ADVANCE IN A DECADE.

## IT'S ALL IN THE MOLECULES.



*The all-new ISODEWAXING® Catalyst provides higher yield and higher VI for a given feed and operating conditions.*

IN ORDER TO INCREASE YIELD OF GROUP III BASE OIL, scientists from Chevron have combined catalytic molecules in a powerful new way to create an all-new ISODEWAXING® Catalyst. Its performance in pilot plant testing has been so compelling, that in two cases refiners have changed out their old catalysts years before they were fully spent.

Today, over 70% of Group III base oil is produced with Chevron Lummus Global's ISODEWAXING Technology.

And in 2004, four refiners including both SK and PetroChina have already upgraded their existing catalysts to the all-new ISODEWAXING® Catalyst.

The all-new ISODEWAXING® Catalyst is providing the highest yield ever for all-hydroprocessed Group III base oil production. It has proven to be fully robust with feedstocks ranging from VGO to deasphalted oil. It efficiently produces a full product slate from light neutral to bright stock.

*SK installing its second ISODEWAXING Plant*



*At a plant dedication ceremony, SK honored ISODEWAXING® Catalyst and Technology*



As SK began comparative testing of the all-new ISODEWAXING® Catalyst, pilot plant data showed unprecedented high yield and quality. As a result, SK decided to shut down an operating unit, switching out the old catalyst *years before it was fully spent.*

### SEE THE EVIDENCE YOURSELF.

To see a study recently published in *Lube Oil Technical Journal* that compares competing Group III technologies, go to [www.ISODEWAXING.com](http://www.ISODEWAXING.com).

For even greater detail, a CLG representative can show you comparative pilot plant data on yield and VI improvement. Just call us at (001) 510.242.3093.



Chevron Lummus Global

