



IndianOil

indSelect^G
Selective Gasoline Desulphurization

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**Desulphurisation of Cracked
Gasoline with minimum
Octane loss**

Production of gasoline meeting stringent specifications of BS-VI/Euro-VI at low cost is a challenge for refineries. indSelectG[®] is selective hydrotreating technology developed by IndianOil R&D with catalyst developed in-house for cracked gasoline desulphurisation keeping Octane loss minimum. This process is mainly for upgradation of full range (C5-210°C) FCC / light Coker gasoline (C5-90°C) with respect to sulphur meeting the specifications of BS-VI standards. Light cracked gasoline with boiling fraction from C5 to 60-70°C, which is enriched in olefins (Octane rich) and lean in sulphur, can be directly routed to MS pool for blending. Heavy gasoline is selectively desulphurised before sending it to MS pool.

Salient Technology Features

- ◆ Customised Catalysts developed by IndianOil R&D
- ◆ Low severity operation
- ◆ Accepts wide range of feedstock (full range gasoline from FCC, Visbreaker and Delayed Coker)

Major Benefits

- ◆ Reduces sulphur content < 10 ppmw
- ◆ Low hydrogen consumption
- ◆ Suitable for upgradation of full range FCC & light Coker gasoline streams to BS-VI/ Euro-VI compliant MS
- ◆ Direct blending of high RON & low Sulphur light cracked gasoline stream into gasoline pool

Commercial Experience

- ◆ 80 KTA grassroots unit-to be commissioned in one of the Indian refineries by 2021-22.



For more information, please contact:



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