

3. CONCLUSIONS

Application multivariate statistical analyses to the geochemical data matrix of 24 SE-Turkey crude oil samples (e.g., collected from 24 different oil fields) and 8 variables let us to recognize three oil groups in addition to one mixed group. The group I and II oils are geographically distributed in the Batman-Nusaybin area and the Adiyaman-Kozluk area whereas the group III oils are distributed in the Diyarbakir area. Mixed group oils are geographically located between the group II Kozluk and group I Batman oils. Grouping appears to be consistent with the geographic locations of the oils fields, subsurface stratigraphy as well as geology of the area.

ACKNOWLEDGEMENTS

We are grateful to Turkish Petroleum Corporation (TPAO) for providing crude oil samples and related data and for the permission to published this data.

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